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# DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

FL 4414 SCOTT AFB, IL 6225

# 6 MAR 198"

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

PARTS A-F FOR FROM HOURLY CBU: MAR 68 - DEC 70, JAN 73 - FEB 80 FOR FROM DAILY GBO: MAY 53 - OUT 73, MEB 74 - FEB 80 TIME CONVERSION GMT TO LST: +9

MAR 1 3 1981

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This technical report has been reviewed and is approved for publication.

WAYNE E MCCOLLOM, Chief Technical Information Section USAFETAC/TST

FOR THE COMMANDER

WALTER 8. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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150 074 READ INSTRUCTIONS BEFORE COMPLETING FORM REPORT DOCUMENTATION PAGE REPORT NUMBER GOVT ACCESSION NO. 3. RECIPIENT'S CATALOG NUMBER USAFETAC/DS- 81/046 I. TITLE (and Subtitle) 5 TYPE OF REPORT & PERIOD COVERED Revised Uniform Summary of Surface Weather Final rept. Observations (RUSSWO) - Stanton AAF, Tonggo Ri, 6. PERFORMING ORG. REPORT NUMBER Korea AUTHOR: 1) 8. CONTRACT OR GRANT NUMBER(s) FERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS Air Force Environmental Technical Appl. Center Scott AFB IL 62225 USAFETAC/CBD 12 REPORT DATE 13 MAR 81 Air Weather Service (MAC) NUMBER OF PAGES Scott AFB IL 62225 300 4. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office) 5. SECURITY CLASS. (of this report; UNCLASSIFIED 15a. DECLASSIFICATION DOWNGRADING SCHEDULE 16. DISTHIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited. 17. DISTRIBUTION STATEMENT (of the abstruct entered in Block 20, if different from Report) 18. SUPPLEMENTARY NOTES \*RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometeric summary Extreme temperature Ceiling versus visibility Surface Winds Relative Humidity \*Climatological data (over) O ABSTRACT (Continue on reverse side if necessary and identify by block number).
This report is a six-part statisitical summary of surface weather observations for Stanton AAF, Tonggo Ri, Korea It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum

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temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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- 19. Percentage frenquency of distribution tables
  Dry-bulb temperature versus wet-bulb temperature
  Cumulative percentage frequency of distribution tables
  \* Korea
  - \*\* Stanton AAF, Yonggo Ri, Korea
- 20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

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PANA PROCESSING DIVISION UNAFETAC OL-1 AIR WEATHER SERVICE (MAC)

### REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

#### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

#### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

#### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Corvices and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN. & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV . (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

#### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

#### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY 00-02,03-05,18-20,21-23. APRIL 00-02,03-05,18-20,21-23

FELMWRY 00-02.03-05.18-20,21-23 MAY 00-02.03-05.18-20,21-23

MARCH\_00-02.03-05.18-20,21-23 JUNE 00-02,03-05,18-20,21-23 JULY 00-02,03-05,18-20,21-23 OCTOMER 00-02,03-05,18-20,

AUGUST00-02.03-05.18-20,21-23 NOVEMBER 00-02.03-05.18-SEPTEMBET00-02,03-05,18-20,21-23 DECEMBET00-02,03-05,18-20,

21-23

1

The hourly sections of this summary were produced using data for less than 24 hours observations per day for most of the period of record. The period of record and observation count per page reflect these reduced number of observations. The result is a summary biased toward those hours for which observations were available for the entire period of record. Therefore, the hourly "ALL", "TOTAL" and "DEVIATION" summaries should be disregarded or used with extreme caution. In this respect, the hourly sections are a summary of specific hours only and not a true RUSSWO. Suspect pages are identified by a red stamp.

"USE WITH CAUTION

SEE FRONT PAGE"

The daily data sections are not effected.

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#### PART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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### WEATHER CONDITIONS

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2.47.274	STATION NAME	YEARS	MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF XEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

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### **WEATHER CONDITIONS**

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

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### **WEATHER CONDITIONS**

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STANTON AAF KO

68-77,73-79 YEARS

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### **WEATHER CONDITIONS**

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PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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### **WEATHER CONDITIONS**

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68-7:,73-79

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### **WEATHER CONDITIONS**

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### **WEATHER CONDITIONS**

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONSITIONS FROM HOURLY OBSERVATIONS

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### WEATHER CONDITIONS

4 244 STATION STANTON AAF KO

68-77,73-79

YEARS

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS . WITH OBST . TO VISION !	TOTAL NO OF OBS.
ا تايا	JC-02	•											
	53-05	i 		 							·		
	<u> </u>		15.3				15.3	31.4	9.9		·	41.3	789
	<u> </u>	1.1	18.1				18.1	9.7	23.5	·		30.5	815
	12-14	. 5	15.3				15.3	1.8	16.8			18.6	732
	15-17	4	15.1				15.1	1.0	14.5		·	15.1	677
	18-20						1				+	!	
	21-23	·		ļ								<u> </u>	
-				 									
			· <del>-</del>	ļ								ļ į	
							1						
	-p	·											
TOTALS		. 7	16.0			,	16.3	11.0	15.4			25.4	3014

USAFETAC FORM 0-10-S(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOPAL CLIMATOLOGY BRANCH UJAFETAC ATH WEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

4 7 **2 4 4** STATION STANTON AAF KO

68-70,73-79

VEARS

S E P

## PEPCENTAGE FREQUENCY OF OCCUPRENCE OF \*EATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & . OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW		% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
S 5 5	€ <b>0-</b> 02											-	
	03-05												
= .	. J <u>6−</u> 38	3	10.9				10.9	31.1	7 • 3			33.4	717
	_9-11	. 3	<b>3.7</b>				8.7	9.7	19.2			29.9	745
	12-14	. 1	6 • 1				6 • 1	• 6	14.2			14.5	683
	15-17	• 2	5.7				8.7	• 3	8 • 3	· 	· 	3 • 6	541
	18-20										· ·	<del></del>	
	21-23			i i								<u></u>	
	ا ابسسسسس		· <del></del>				·					 	
-							-					1	
	to the second State of												
TOTALS		• 2	0.6				8.6	10.4	12.3			22.7	2786

USAFETAC  $^{\text{FORM}}_{\text{JULY 64}}$  0-10-5(QL A), previous editions of this form are obsolete

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CESTAL CLIMATOLOGY PRANCH UTAFETAC Alp Weather Service/Mac

### **WEATHER CONDITIONS**

4 - 244 TATON	STANTON AAF KO	63-70,73-79 YEARS	1 C C
	STATION TAME	ILANG	MOITI

## PEPCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

w JNth	HOURS (ST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & , OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
act	<u> </u>										· 		
	<u> </u>						1					!	
	<u> </u>		5 • 8				5 • 8	38.3	6.5			44.9	720
	5 <b>9-11</b>	•1	4.5				4.5	13.3	19.9		·	33.2	762
	12-14		3.2	\ 			3.2	. 4	18.4	ļ 		13.8	718
	15-17	•1	2.9				2.9	• 1	10.9			11.0	581
	18- <u>2</u> 3	·									<del></del>		
	21-23												
		· 											
		·	<del>-</del> -										
									-				
	+	hambana a sa a a a a a a a a a a a a a a a a				·							
TOTALS	1	•1	4.1				4 • 1	13.0	13.9			27.0	2881

USAFETAC AUT 64 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUSRAL CLIMATOLOSY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

4 244	STANION AAF	<b>κ</b> Λ	65-7,73-79	VCV
3 4 1 4		STATION NAME	YEARS	MONTH

### PERCENTAGE FREQUENCY OF COCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HINOM	HOURS .	THUNDER STORMS	RAIN AND CR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
VCF.	_ua- <u>@</u> 2.			 			<u> </u>						
	J3-25		: 	: 			ļ					· ·	
	6_08.		5.0	ļ _ <b></b> _ j	. 7		5 • 7	79.1	11.2			4: • 3	754
	J9-11		4.2	i   	1.5		5.8	15.€	20.1	· 		35.4	730
	12-14		4.4	-	1.3		5.3	1.8	19.9			21.7	677
	15-17		4 . 3		. 8		5.1	• 6	14.6	·		15.3	629
	19-20						-						
	<u>.1-23</u>			•								; <del> </del>	
			· •	<del> </del>			-					-	
			1 •	!			-						
			<u> </u>	ļ									
	; 												****
TOTALS			4.5		1.1	_	5 • 6	11.8	16.6			28.4	2740

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLUBAL CLIMATOLOGY BRANCH ULAFETAC ATR MEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

			25.5
4 12 <b>44</b>	STANTON AAF KO	68-70,73-79	DEC
Station		YEARS	MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

мунти	HOURS LST:	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	FOTAL NO OF OBS
שב כ	<u> 50-02</u>				<u> </u>					! <del> </del>			
	03 <b>-</b> 05									<u></u>			
	3 <b>6-</b> 9 <u>8</u>		. <u>5.7</u>	· 	2.8		<u> 5.1</u>	30.2	12.5	ļ :		43.2	755
	<u> </u>	· <del>-</del>	4.4		4 • 6		9.8	21.8	23.7		• 3	45.8	758
	12-14		3.4		4.7		9	5.2	27.5	i	-1	33.9	676
	15-17		3.1	 	2.8		6.5	2.8	21.0	<del></del>		23.8	<u> </u>
	18-20						1			<del> </del>		<u> </u>	
	<u> </u>	· · · <del>- · - · - · - · - · · - · · · · ·</del>	 	; 									
			! 										
			; ; •—				ļ					ļ •	
			•										
	•~·		: !						<u></u>				
TOTALS			4.2		3.7		7.7	15.3	21.3		• 1	36.6	2794

USAFETAC JULY 64 0-10 5/QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

SLOBAL CLIMATOLOGY RRANCH J[AFETAC ATR MEATHER SERVICE/MAC

### WEATHER CONDITIONS

STATION NAME YEARS	4 7 <b>244</b> Stations	STANTON AAF KO STATION NAME	68-70,73-80 YEARS	
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## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

w yeith	HOURS LST:	THUNDER- STORMS		FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
ٍ√ 4ل	ALL		2 • 1	ļ:	<b>6.</b> 0		7.9	1 2	23.5		·	33.6	2938
F = 8,			4 • 5	<u> </u>	5.3		9.5	9.3	23.2			29.5	2641
445		;	3 • 9		3.3		5.5	9.5	23.3	 	• 2	29.6	2956
7 P 3			8.6	 	1		8.7	7 . 3	21.1	 	• 6	28.9	2983
YAY			å • 5				6.5	6.8	18.3	!		25.0	2971
Jun		• 2	10.2	! !			10.2	12.7	23.6	<del> </del>		25.2	2901
JuL		• 6	17.8	:			17.8	13.1	23.3			35.4	2968
A U S		. 7	16.0	!	i		16.0	11.0	15.4			26.4	3014
SEP		. 2	8 • 5				8.6	10.4	12.3			22.7	2786
001		• 1	4 • 1				4 - 1	13.0	13.9			27.0	2881
NOV		i	4.5		1.1		5 • 6	11.8	16.6			28.4	2740
)   <u>  25</u> 0_	•		4.2		3.7		7.7	15.3	21.3		• 1	36.6	2794
ICTALS	, <del></del>	• 2	7 • 8				9.3	10.9			• 1		34323

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### PART A

### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of observation may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
  - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
  - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

S74-2900

SECRAL CLIMATOLOUY BRANCH Diafetac ALL ARATHER SERVICE/MAC

### \*\*WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

53, 71-53 YEARS STANTON NAT KO A L L

### PRECENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY DESERVATIONS

	+471 <b>9</b> 5 , 5 f	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	& OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	PAILY		8.5		17.9		21.4	Zá•5,	62.1			71.4	224
F # .			9.5	!	11.7		18.7	<u> 31 • 3</u>	40.3			52.5	230
1 v <u>1</u> 1			10.6		9.4		21.3	39.1	65.1			72.3	235
t > -		. 9.	≥0.6	<del></del>	4:		20.5	35.4	5 <b>3.</b> 5			55.5	223
- + + Y		2 • 3	24.4			·	24.4	32 • 4	45.2			55.3	262
Jan		1.6	32.3				32.3	43.5	57.3			55.5	251
ا ل		5 • 3	45.7				45.7	64.1	58.5			75.4	255
AJU		4.9	39.0				39.3	52.8	43.5			65.7	246
5 f P		1 • 8	23.9				23.9	44.0	41.3			52.3	
, act		1.6	15.2	!		4!	15.2	52.4	48.4	L		65.2	250
N.V.		4	18.8		4.0	1.0	22.3	45.2	51.8			52.9	197
o ∈ c	,	• 5	12.0		11.5	. 5	22.5	43.5	60.5			71.5	200
tv'?	·	1.7	22.2		4 • 6	. 2	25.5	44.3	53.4			54.5	2797

- USAFETAS  $\frac{Q_{RM}}{UC_{RM}}$  = 0.10 SLQL  $|\mathbf{A}|_{\mathrm{S}}$  regulous editions of this form are obsolete

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B

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

#### PART B

### PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- \*1. The first set presents, in three tables, the percentage frequency of various daily amounts of PHECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- \*2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPIT.	"00."	equals none	for the	e month	(hundredths)	
EXTREME DAILY SNOWFALL	"•O"	equals none	for the	e month	(tenths)	
TYPERME DATLY SMOU DEP	ייחיי עית	equals none	for th	month	(whole inches	١

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES:
- The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3. Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

#### Air Porce Stations:

U. S. Navy and National Weather Service (USVR:

Reginning thru 1945	at	OEXOCIAT
Jan 16-May 57	at	1.230GMT
Jun 57-present	at	1200GMT

Beginning thru Jun 52 at 00300MT Jul 52-May 57 at 12300MT at 12000MT

i	1	)
	•	•

### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

STATION STATION NAME YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MON	ITHLY AMO	DUNTS
PRECIP	NONE	TRACE	01	02-05	06-10	.1125	26- 50	51.1.00	1 01 2 50	2 51 - 5 00	5.01-10 00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-0.4	0.5.1.4	1 5-2 4	2 5 3 4	3 5-4.4	4.5-6.4	6.5-10.4	10 5-15.4	15 5.25.4	25 5-50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	3	3	4-6	7.12	13.24	25-36	37 - 48	49.60	61 120	OVER 120	AMTS				
JAN				٠	•		1.	3.					!	•	,			•
FEB	•	,		•		4.5	•	i .	•					, ,		. • `		7 .
MAR	. 1	12.4		. • ઇ	١.	4.2	7.4	`	•	•					4 - 1		•	* - •
APR		• /	• • */	· 1	: • I	٠.5	2.•1	4	3.		•					•	· .	•
MAY	•			!	١.,	• 1	ti € c	3.	3.0	• /	•			1.	40.	•	11. 2	
JUN				ં કા	٠.١	5	۴. •	Α.	7.	1				73.42	- 7	• •		
JUL			1.4	• •			₹	٠.	1.4.	5 • •	•			2 ·	435	10.50	400	
AUG		1.	•	7		. !	<b>9.</b> /	5 <b>.</b> 7	7.	3.7	• .			•	43.	V.4	i	•
SEP			. • !	4 . 4:		, . 4	•	4	4.0	1.1	. 4				41.5	. •	1.0	
ОСТ	7.	- • :	1.4	' • ৌ	٠.		₹.	i. • •	• 7		İ				4 ' 7	· · · · · ·		•
NOV				. •	••	5.7	3.	•						~2.	4 **		. 4	• 1
DEC	•		7	5	· · ·		7.	1.						17.7	4+7	•		
ANNUAL	. M		1.	•		4.	•		E • 4	• ,	. 1				5443			$\overline{\mathbf{x}}$

1 12	FORM 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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SECRAL CLIMATOLOGY BRANCH USBECTAC ATA WEATHER SCRVICE/MAC

### **EXTREME VALUES**

PRECIPITATION

FROM DAILY OBSERVATIONS

- 1244 STANTON AAF .KG STATION NAME

S3-ED YEARS

24 HOLP AMOUNTS IN INCHES

MONT	тн	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	ост	NOV	DEC	ALL MONTHS
					10.	2.10*	.41*	3.60#	.12*	.15*	• 5 3	•55	1.45	
54	_	. 27.	40	TRACE.	1.06.	1.08.	3.10.	2.91	2.26:	9.4.	.72.	25,		3.1.
5, 5	-	• 2 5	.20	• 25	1.10	1.46	4.87	3.21	1.53#	1.83	.49	1.45	.37	4.57
5 b.	_	.29	. 55.	2.64.	• 67.	.64.	.4 . 77.	4.15.	1.23.	5.53.	.33.	24.	•.29.	550
5 7		. 42	.21	• 2	2.30	.71	.58	3.30	2.29#	•33		• 25*	1.14	
<u>5</u> .¢				-										
5 4								2.03	7.99*	1.45			- 25	
5						•	_ ~							·
51	"													
5 <u>2</u>	-										~			
53								,					i i	
5 <del>4</del>							+							
55					1									
5.5			+		4		+-							
57				1.88	• 92	1.84	• 95	4.31					Ĺ	
58						*	31	3.50	4.65	2.21	1.22	1.36	16	
<b>5</b> %	1	• 6 -	1.51	•5€	5.70	5.61	.54*	2.80,		1.20	. 25	• 32	. 27	5.70
7.0	-#	<u>•17</u> .	<u>. 8 8</u> .	. 40	• 7,		2.27*		4.17*	7.50*	57	1.15	.52	<u>* 7.50</u>
7 i		•2°#	. 42	•67*						2.32*	• 5 B		. 44	* 4.71
_7.2	*		<u> 29#</u>				1.10*				.46	1.61*	<u>•15</u>	<u> </u>
ز 7	*	•63#°	TRACE				1.06#				• 12	1	4	
7.4			· 22#	<u> 39*</u>	1.37*		1.46#	3.25*	2.64	1.51		16	10	
75	. *	• 02#	• 35k			• 38 🖛		10.37	3.91	1.91*	.46	1	. 42	*137
76	4	<u>• Jo*</u>	1.52	. 22*		1.05 *		1.52*			. 78		.46	<u>* 7.72</u>
77	*	•∂6#	• 32Þ	• 92	1.39			7.82*			. 41		. 47	* 7.82
7 2		<u>93#</u>	· 64#				4.07*				5 7		. 31	* 4.07
79	*	. 54#	• 46 m	1.36	1.54	1.29#	2.04#	2.34	2.33*	.47	-56	* •50*	.93	* 2.34
<u> </u>	4*-	• 35 *	• 31			i_								
	;	i		İ	i	1	i	!	-		;		è	
MEAN		272	.625	.839	1.646	1.773	2,468	3.353	3.180	2.547	.592	289.	.461	4.300
S D		· 23b	.501	1.008			2.352	.756			. 393	.481	.470	
TOTAL OBS	S	439	39B	451	434	469	487	530	493	455	427	430:	452	5442

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 64 0-88-5 (OL A)

SLORAL CLIMATOLOSY BRANCH USAFETAC ATR AFATHER SERVICE/MAC

MONTHLY PRECIPITATION

IFROM DAILY OBSERVATIONS.

4 1244 STANTON AAF KD STATION NAME

S3-SD YEARS

#### TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	Jul	AUG.	SEP	oct	NOV.	DEC	ALL MONTHS
5.5				*	4.22	1.77	*14.73	* •19	¥ .27*	1.25	1.32	2.43	
F.4	• 17	1.19.	TRACE.	2.35.	1.96.	. 7.22.	15.57.	10.65	2.52.	1.76	49.	.1.53.	45.34
. 5	• 3∠	.31	.47	2.18		14.03		2.31		1.11	2.30	- 5 5	#48.4
5.5	.26	.70.	5.07.	1.27.	2.19	11.70	15.92.	2.58	13.25.	.88.	. 51.	.19.	56.1
5.7	1.37	•50	.43	4.35	.38		12.12	65	* .00		.73*	2.97	
5 =													
5.4	-						11.23	18.19	* 2.64			.25	
52													
51			· · · <del>•</del>		·· · ·				· ·				
.5 ½													
53	*	+		+									
54													
55	+-		*				• •						
5.5												1	
57			7.77	3.22	4.19	u 1 a	14.32		•			*	
5.3				3022				11.57	k 3.21	7.49	1.45	.49	
5.7	1 46	2.49	ρ 7	1 .41						• 32		.51	*51.9
-	24										2.33*	.80	<b>*71.6</b>
71 **	× 71 *								3.25			.80	*51.5
-	2.34k								* 2.65*		3.84	.20	*58.1
									* 2.23*				*20 • 1
74	- • 52 m	.76*							* 2.2J*			.19	
./4 75 #	.04#								8.21			.50	* U O U
76 ±	• • •											1	*48.4
<del>-/2</del>	14 6								4.34			-56	*47.
	• • • •								1.89		2.43	1.57	<b>*38.4</b>
	× 1.17*								2.15			.73	<u> </u>
79			2.04	4.22*	3.97	* 9.56	* 9.84	*10.46	1.41	• 56	* 1.08*	2.07	*47.4
30 1	* <u>• 4 7 #</u>	•C1	+						-		+		
MEAN	•62.	1.182	1.667	3.560	3.840	6-473	14.380	0.473	6.523	1.512	1.087	.871	5 . 7
5 D	•622			3.339						1.220		.836	3,013
TOTAL OBS	409	398	451	434	469	487				427		462	544
TOTAL OBS		NOTE		EO ON					4 3 3 1	461	430	402	544

USAF ETAC JUL 64 0-88-5 (OL A)

				1
				. 1
t 2 - Lydydd fri	_ * , * _ * _ * _ *		DAILY AMO	UNTS
			PERCENTAGE FREQU (FROM DAILY OBSER)	
STATION	STATION NAME	<u> </u>	YEARS	

						AM	OUNTS (I	NCHES						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	0205	.0610	.1125	.2650	.51-1.00	1.01-2.50	2.51.5 00	5.01-10 00	10 01-20.00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2 4	2 5 3 4	3.5.4.4	4.5-6.4	6.5-10 4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7.12	13-24	25-36	37 - 48	49-60	61-120	OVER 120	AMTS			i i	
JAN		• -		1 . 1	١,							1			<u> </u>		11.	
FEB	7.		•	: • ≀	• ;			• •			İ		i	. •		1	1 •	i :
MAR	,	• 7	•	•	• -									• :	, -	•		•
APR	•	• •													. 4	- *	F 30	•
MAY	•				<u>.                                    </u>	! 							!		1 - 1			٠
JUN						<u> </u>							<u> </u>		, 1	•	• -	•
JUL	. •					<u> </u>		!							<b>5</b> 5	• ~	• .	•
AUG	•		!				ļ	<u> </u>	ļ							• -	•	•
SEP	•			<u> </u>											្រឹង	•		•
ОСТ	•	• .				<u> </u>	ļ								. 5 3	19705	1367	•
NOV	•			<b>,</b> tı		. "	•							1 • 3	<b>4</b> 5 1	•		•
DEC	• 2.	. • 1	•	1.5	, 7		. 7		• ,					16.0	439	: . 7	٠,,	T 2.5
ANNUAL	•	٠.	•	1 •	, 4	• ;		• :	•					•	57.3	. 7>	$\overline{\mathbf{X}}$	$\times$

1210 WS JUL 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLUPAL CLIMATOLOSY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **EXTREME VALUES**

SNOWFALL

FROM DAILY OBSERVATIONS

4.7.2.4.4 STANTON AAFLK2 STATION NAME YEARS

#### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	1	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	MON	
5.3					*	•□*	• J#	• j*	• 0	• *	٠Ĵ	• 3	TRACE		_
54 _		+		TRACE.			3	<u>• 0,</u>		يتاف سا	ت د		. TRACE		
5 <b>5</b>	<b>*</b> 2	• 1		TRACE	• 3	• 3	• 3	• ü	• 0	د ه	• 3	• 3			
5. 2				·	TRACE.	ي د		ــــ عــــــــــــــــــــــــــــــــ	- <b>a</b> .2	<del></del> -	2.		•:		
5.7				<b>*</b> • 3	• 5	• 0	• 0	٠Û	• 3*	• 3	• :	• 0			
<u>5 é</u> .		-		• • = •	<b></b> ,	• J.	• <u>0</u> .		• <u>_</u>			2	1.5_		
59					• 0	• 0	• 0	• 0	• 3	• Q.	• 3		TRACE		
<u> 63</u> #						3		<u>. J.</u>	i		<u> </u>			-	
51 5 <u>2</u>					1		•								
<u>∍∡</u> _#		+-		+	···								• • • • •	<del>-</del>	
54				1	• 0	• D:	• 01	<b>1</b>			. 7	TRACE			
.54 L							<del>• U</del>					17866			
56				i			:							ŀ	
67		•													
58				1		į		1	• 0	• <b>3</b> ;	TRACE	TRACE	1.0	i	
59	t	3	5.2	4.0	TRACE	. 3	• 0	. 2	• 5	• 3:		TRACE	4.4		6.
7.	i	. 5.	TRACE.	4 . 0	. ა∟	• 0	• 0:*	• 0.≉	• Di#	• J *		TRACE	*_ 2.5	_	4 .
	<b>*</b> 3	• 🕽 🗢	• 1	÷ 2.6	* • 0 <del>*</del>	• J.*	• D *	• 0*	• D *	• O +	• 0			*	3.
7.	* <u>1</u>	. J*	2.5	*TRACE	• 0 •	• O *	• 0.*	• 0 *	• 0 *	• C •	<u>.</u> ე	* 3.4	*TRACE	_ *	3.
7.3	*	• 3 •	TRACE	*TRACE	ະ .ິງ  <b>*</b>	• O •	• 🗅 🌞	• D *	• O <b>*</b>	• Ji+	• 2			ļ	
74		🌞				• 0 ≠	• J *	• 0 *	• 3 #	• 3 <sub>i</sub> *	• 0	• .)	<b>*</b> 1.5		
75	*	• 5 to	TRACE	* · 2		• 0 *	• O *	• □	• 0 *	.0*	• 0	• •3		*	1.
·	*1	* - *				• C *	• 0   *	<u>•3</u> +	• 0 +	<u>. 3</u> *	• O				4 .
7.7	*	• 5*	2 • 0	- ,		• O •	• D +	• 0 •	• 0 *	• J *	1	*TRACE		*	4.
		* ر ه		*TRACE		<u>• 0</u> *	• 0 *	• 0 *	• 🗅 🗢	• 🕽 💌			*TRACE	*	3.
		•5⊭		*TRACE	• • O. <del> </del> ≠	• 3*	• 🛈 🗢	• 🗆 🗢	• 0 •	• 0 •	• 0	• • 8	* 8.1	*	8 .
- <del>5</del> C #	<b>*</b> 1		• 1			-				+		-			_
MEAN		95	2.60	2.00	TRACE	. 70	. 30	.00	•00	.00	TRACE	TRACE	.99		6 - 31
S D				2.309	220	.000	.000	• 303	.000	.000	.333	.030			
TOTAL OBS	3	14	285	359	524	562	551	565	583	553	553	460	439		575

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 64 0-88-5 (OL A)

SLOBAL CLIMATOLOGY BRANCH GLAFETAC ALP WEATHER SERVICE/MAC

(FROM DAILY OBSERVATIONS)

4 1244 STANION AAF KO STATION NAME STATION NAME YEARS

#### TOTAL MONTHLY SNOWFALL IN INCHES

MONTH		JAN	FEB	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
3.3						. 7*	• J *	• D #		• 3			TRACE	
54				TRACE.	. <u>.</u> Ω.	_ •3.	. • 0				2		IRACE.	
5 <b>5</b>	*	3.5		TRACE	• C .	• 0	• 0	• 3	• 3	• 2	• C	• 0		
56.	_				TRACE.	• 9.	0 .		• 2.	. نيو	. J.			
57			•	# • ^	• 3	• 0	• 0	• 3	*	• 2	• 5	• 3	TRACE	
5 5					. يا .			• J.	•0.	5.	ينا ۾		1.5	
59	₩-			• • •	• 0	• 3	. 0	. 3			• 3		TRACE	
5 Ú					- 1	•3:		. 5		10	• •			
51	#			•			2.44						•	
5.2														
24 53	<b>+</b> -			·		<del></del>		+					•	· · · ·
5 4					٠.	• 3	• 0	_		-	_	TPACE		
.⊇. <b>4</b> 5.5	+				C.		<del>- • u ,</del>		• • •			17ALE		
				٠ .	:									
56	<b>.</b>						<del>-</del>						<b></b> -	
6 7					i	İ	į		1	i				
5 5	<b></b>	· — - ‡				i						TRACE	2.5.	
55		11.J	12.2		TRACE	• 3	. 0	• 3 ;	• 0	• 3		TRACE	8.1	37
7.0		2.0.	TRACE	7.3	<u> </u>	.0*	• 0 *	• J *	• <b>J</b> *		31	TRACE	2.5	* 12
7 1	*	5.7	. 1	3.7	≱ن. •	. 0		•3∳	• 5 ≱	.3	. 0:	. 0	• .5	* 10
72	*	1.4	5.9	TRACE		• 0 •	.0*	• a ≱	. 0 ≱	. 0	• 0	5.7	FTRACE	* 14
		. 5	TRACE	TPACE				• 3 •	. C *	. ) \$				
74			5.4					•0+	•□≱	.31			1.4	
75	*	. 0	TRACE	+				• 0 •	•0+	.3				* 3
		1.3			,	1	!	0		3				+ 19
, <u>,</u>	#T	<u> </u>						•0+	•0•	. 3		TRACE	<del>+</del>	+ 9
				* TRACE		-	0	- U		• .		TRACE		* 6
75 <u> </u>	**	5											,	
79	*	5.5		TRACE	• C	• 0	• 0 •	•0*	•0	• 3	• 3	- 8	* 3.9	+ 18
9 <u>C</u>	#**-	1.1	• 1		·	+		- +	+				<b>-</b>	
MEAN	<b>+-</b>	6.83	6 • 10	3.2	TRACE	.30	.00	•00	.02	.00	TDACE	TRACE	1.56	1.
S D	+	0.00	<u> 5 • 1 U</u>	3.727	.000		.000	•000;	.000	.300	-300		2.962	
OTAL OBS	<del>i</del> —	• • • • •				.000								
JIAL OBS	1	314	285 NOTE	359 * (BAS	524	LESS T	551	565	583 THS)	558	553	463	439	5.7

USAF ETAC JUL 64 0-88-5 (OL A)

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### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

STATION STATION NAME YEARS			
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AMOUNTS (INCHES)													PERCENT		MONTHLY AMOUNTS			
PRECIP	PRECIP NONE TRACE 01			.02- 05	.0610	.11- 25	26 - 50	51.1.00	0 1 01-2 50	2 51 - 5 00	5 01-10 00	10 01 20 00	OVER 20 00	OF DAYS	TOTAL NO.	(INCHES)		
SNOWFALL	NONE	TRACE	0.1-0.4	0 5-1 4	1.5-2.4	2 5 3 4	3 5 4 4	4.5.6.4	6 5 10 4	10 5 15 4	15 5 25 4	25 5-50 4	OVER 50 4		OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13 24	25.36	37 48	49-60	61-120	OVER 120	AMTS			I	
JAN			· • j	7		;	, i •	:	1				:		5 / 7			
FEB		٠.	4.	د •	• 3	1.2	1.							1:.3	<u>.</u>			
MAR	. 1	•		. 4	• !	.4	• 1	i	!						7 -:			
APR	•			1		t									7			
MAY	•			!				i I	į						7 1			
NUL	•		į					i							150			
JUL		İ				:			!	i					7 . ~			
AUG						1	i							!	759			
SEP	. 1									İ				į	7 :: 9			
ост		<b>_</b>					1	!							759			
NOV		•		• i	•		:							•	; ·			
DEC	•	. • -	. • .	. !	. 1	• 5	• "							2 • -	7 :, 4			
ANNUAL			1	• t	•	. 4									(3°)			$\overline{\mathbf{x}}$

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CLUHAL CLIMATOLOUV BRANCH Lighthad Ath Weathir Servickimac

## **EXTREME VALUES**

SNO. DEPTH

FROM DAILY OBSERVATIONS

41744 STANTON AAF KU STATION NAME

53-90 ... YEARS

#### DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN:	JUL.	AUG	SEP	OC1	NOV	DEC	ALL MONTHS
5.3	-			*		3.≠	J#	3	j	Ξ	3	* -	
. 59		, IRACE	. TRACE.		Q.,	<u> </u>			<b></b>		2.	. TRACE.	TRACE
5.5	# T R A C L	2	3	S	٥	Э	3	ε	3	3	j	TRACE	
. <b>5</b> , 5 <u>.</u> ,	1			2	2.	<b></b>		. 🖺	₩.	ú.	1.	. 1 .	!
57	4	2	TRACE	ũ	3	g.	٥	ū		-	J	:	•
5 <u>a</u> _,	<u> </u>	TRACE	<u>1</u> ,	<u></u> ,_					<del>2</del> .		3.	TRACE	•
5 <del>y</del>	1	ú	0	Β,	Э	С	3	Ĵ	3	0	ű	TRACE	
á2	1	<u>.                                    </u>	ا <u>۔</u>								TRACE	"BASE.	
51	٠ 3	TRACE	2	5	G	ິນ	÷	٥	<u>:</u>	3	3	TRACE	
.52,		2	וְבבוְ		<b>.</b>		2;	J		_ = ===================================	۵.	2 #	
5.3	3	. 1	TRACE	9	Э	0	:ر	5	Ĵ	3	Э	1	
.64		Ļ <b>5</b>	1	31	O;	_ <u> </u>	🤼 .	<u>0,</u> _		. =			
5 5			ı	3	0	a.	J.	)	3	3	Ĵ	3	
56	=	3	4 4			0,					14	الوشدا الماليا	:
67		1	1 0;	a	Ű,	3i	3*	₽	]₩	<b>2</b> ⊭	. J	* 5	<b>*</b> 5
<u>5 É</u>	<u>* 1</u>	<u>*                                    </u>	. <u> </u>	* O#	<u>O</u> #	<b>.</b>	<u> </u>		3;	<u> </u>	TRACE.	<b> 1</b>	
<del>5</del> 9	è	9	u	TPACE:	0	J	Ξ,	3	<b>3</b> .	3:	a a	4	5
7 - 3	<u>2</u>	TRACE	4		ە <sub>ن</sub> ر	);*		<u>]</u>	ງ;*	5 *		* 1	
71	<b>*</b> 2	<b>*</b> 1	j <b>e</b> 3 i	<b>♦</b> [C •	0*	oi∗	J⊯	9₩	2₩	3⊭		*TRACE	* 3
72	*TRACE	<b>*</b> 2	*TRACE	<u>*</u> ن	0.*	<b>J</b> .≉.	⊝;≉	0.#		G#	3	*IRACE!	. •
7 S	* 1	<b>⊭</b> j	ام کا	<b>*</b> ⊃ *	0*	Si <b>≠</b>	<b>∂</b>  •	3*	]#	0			
. 74	4	* 10	<b> </b> ♦ 2	* _ J*	Q.#		<u>0</u> ≠.	<u>]#</u>	*نــــــــــــــــــــــــــــــــــــ	<b></b>		* TRACE !	
7 5	<b>4</b> 1	<del>ა</del> ე	* J	* U*	0 *		ე•	0.≠	9.♥	₽	: 3	<b>+ 1</b> }	* 1
75	* T PACE	FIRACE	* 9	* G*	<b>□</b>  +	<b>⊃</b>  ◆	<u>a</u>  •	<u>G</u> #		a+	TRACE	<u>* 2 ¦</u>	* 9
7.7	* 1	<b>*</b> 3	<b>+</b> ⊃	≠ز +	G <b>*</b>	: ⊃;+	3₩	ე*	3⊭	ე*	: S	<b>+</b> 4 }	• 1
7 5	<b>*</b> 3	<b>*</b> 1	*TRACE	* J*	0	0;*	9 €	j⊭	⊃j <b>≠</b>	ე <u> </u>		<u>*                         </u>	
79	<b>*</b> ?	<b> </b>	<b>*</b> 5	• p +	oj⊭	<b>∃</b> #	שׂנ	0⊭	⊃l≠	2.₩	اد	* e"	* 6
2	<b>*</b> 1	* TPACE	i	1									
	-								•			1	
MEAN	20,0	2.3		TRACE	.0			- 2	. 3,		-1		3.5
\$ D		2.591		.000	•330	.000	.000	.000	. aca;	• 383	. 250	1.394	2.836
TOTAL OBS	677	672	725	730	781	769	782	769	749	769	726.	744	8893

USAF ETAC JUL 64 0-88-5 (OL A)

U S AIR PORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

## PART C

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## SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Ousts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

HOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUCENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DEURAL DETMATOLOGY PRANCH
GARRETAC

A RATHER STRVICTYMAC PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

## SURFACE WINDS

## DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STANTON AAE KO	69-74-73-84	JAV
STATION	STATION NAME	YEARS	MONTH
		ALL MEATHES	<u> </u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.2	1.5	- 3									تمنا	3.3
NNE	2.1	2.2										4 2	3.5
NE		7	1			L						1.3	4.5
ENE	-1	_ 3	-1									• 5	3.3
E	1.3	ـ فـ مـــ	ļ			<u> </u>						لثعنا	3.5
ESE	6									Ĺ		بنعنا	2.9
SE												-	1.2
SSE						<u> </u>			<u> </u>				نعنا
s	.7_	3	3_		ļ <u> </u>							1.5	4.7
SSW	- 7	-4	1	ļ		ļ						التعد	4.1
sw			[									تمنا	
wsw		-1				ļ							3.5
w			. 4	L		ļ						1.1.5	5.6
WNW			. 4									قعا.	. ئەد
NW			4	<u> </u>								1	7.7
NNW	1.7	ــفـــــ	- 4		ļ							2.2	4.3
VARBL			<u> </u>	L	<b>_</b>	Ļ		<u></u>					
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	74.5	
	11.6	11.2	2.6									123.2	1.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TELHAL CETMATOLODY FRANCH UDAFETAC Als weather Service/Mac

1 1

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

لمنغند	13 - A.	STATIO	N NAME			5 4 - 7	73-		EARS				IONTH	-
	_				c.	ASS.				<del>_</del> _			-1:00 (E.S.Y.)	-
	-				CON	DITION								
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED	
N	5.1	3.	1.4	4.1								114+	4	
NNE	1.4	1.5	5	1 1					I		1	1.5	4.7	
NE	1.3							i				1.5	7	ı
ENE	• 5	د ه	• 3									1.4	4 •	
E	. 7	1.6									1	. 1	4.1	ı
ESE	• 3	1											3.0	ı
SE										1		-		ĺ
SSE	2												2.5	
s	1	1.3											5.3	
ssw	. 4	1.3	. 5									4.2	2.1	
sw	• 1											7	4.0	
wsw	1.7		-1									i • 7	3 ه ذ	ļ
w	ذه	1.6										قعے	4 . 5	l
WNW	9	2.2	9									1.1	3 3	
NW	1 . 5	2.2										4.5	4 . 6	
NNW	2.8	1.9	1.2	-1								6.3	4 . 4	
VARBL	٠١											. 1	3.0	
CALM			$\overline{}$				$\overline{}$					55.1		Į

TOTAL NUMBER OF OBSERVATIONS 773

USAFETAC FORM AL 64 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

299	STATION LAF KU		<u>- = 3 </u>	
STATION	STATION NAME		YEARS	MGNTH
		ALL ALATHER		1133-1430
		CLASS		HOURS (L.S.T.)
	<u> </u>			
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1	4.1	7.1	3					_			7.3	1
NNE	1 1.5	1.4	. 5									3	4.5
NE	1.1	3	3									1.5	3
ENE	. 4	.1	. 3									, o	4.7
ε		-3	-1									1 .5	5.6
ESE	.1	1	1									4	4 . 3
SE	- 1					[						1	3.3
SSE	- 1		-1									3	5
5	. 7	2.0	1.9									<del>-</del>	غ د د
ssw	1.1	2.7	2.3	1_								2.2	5.9
sw	ن	3.5	1.5										3.2
wsw.		1.2	. 0	•1								9.5	4
w	1.2	2.4	1.4	1_								5.3	ن ه ف
WNW		4.5	2.1									11	4.7
NW	2.4	15.1	ا مد									14.5	5.4
NNW	1.7	سعد	7.4	1								12	5.1
VARBL		1	7	. 5								1.3	3.7
CALM	><	><	><	><		><	><	><	><	$\supset <$	> <	2 : 1	
	23.5	34.2	211	1.4								123.2	4.2

TOTAL NUMBER	OF OBSERVATIONS	775

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL CLIMATOLDCY RRANCH USAFETAC AIR ALATHER SERVICL/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SIAVI	<u> </u>	STATIO	NNAME			_59-	7 7 ?	<u> </u>	EARS				A .
	_	<u>.</u>			ALL SÉ	AIHER LASS				<del></del> -			-1735 RE (M.E.T.
	-				CON	DITION				_			
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	3.3	1.6	. 7		<del>                                     </del>					_	7 و ز	2.2
NNE	3.		c	?								1.7	5.2
NE	. 5	1.3										1.7	2.3
ENE		. 6										• 5	4.3
E		5										. 5	5.3
ESE	_												
SE		-2										. 2	5.
SSE	2	-3										. 5	7 و ذ
5	1.3	1.3	1.4									i . 5.	5.2
SSW	2.5	5.	2.0									7.5	5.0
sw	1.7	5.1	3.5									11.4	7.2
wsw_	2.7	5.6	1.7									12.1	4.7
w	3.1	4.1	2.5	5_			L					13.2	1 5.4
WNW	2.3	3.1	3.0	-2			l					خمف	تمفا
NW	2.3	2.5	2.5	-5								<u> </u>	5.6
NNW	1.7	4.1	4.4	2								خدو	5.4
VARBL	Ļ		1.4	Ļ,						Ĺ		خمل	13.3
CALM		$\sim$		ı 🔨		i 🔨 🦯	i 🔨 🦯			$\sim$	$\sim$	14.7	1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM O-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL CLIMATOLOGY FRANCH
UTBTITAT

BIR AFATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

PASE

- 1244	STANION AAF KO	69-73.73-62		VAL
STATION	STATION NAME		YEARS	MONTH
	AL	L WZATHER		a
		CLA\$\$		HOURS (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥.56	*	MEAN WIND SPEED
2	3.5	3.2	1.2	. 2								لْعد	4.6
NNE	1.4	1.4	4										4.4
NE	9	. 7	- 1									1.7	3.9
ENE		4_	2									, ÿ	4.5
Ę	4	9						Ĺ				<u> </u>	4.2
ESE	- 2	2				Ĺ	L	l	L	Ĺ		- 5	302
SE													3.3
SSE	. 2	2				l							9 د د
\$	- 3 -	1.7	l ial									3.5	يومق
ssw	1.1	2.3	1.1									4.5	5.5
SW	=_	2.3	1.2									4.2	5.4
WSW	lat.	ــــــــــــــــــــــــــــــــــــــ	- 5	-2	Ĺ	Ĺ	İ	<u> </u>				4.1	4.5
w	1.4	2.2	1.1	1_	L			<u></u>		<u> </u>		تع و	5.2
WNW	1.7	2.7	1.5				L						تعد
NW	خمل	2.5	1.5				İ					3.7	تعد
NNW	- 4.2	2.9	2.2									7.4	5.3
VARBL		1	. 5	-1		L						. 8	تمق
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	40 • 2	
	16.4	i	13.1	. 9									2.9

TOTAL NUMBER OF OBSERVATIONS 2.35

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

e.,

SECRAL CLIMATOLOLY RRANCH USAFETA) Alk Weathin Servic./Mac

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

a tyaa	STANTON AAF NO	63-71.77	- <u>2 1</u>	
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		200-2800
		CLASS	-	HOURS (L.S.T.)
		CONDITION	· · · · · · · · · · · · · · · · · · ·	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAN WIND SPEED
N	4	1.3	. 4									- 5	3.4
NNE	2.8	1.5										3.3	3 . 5
NE	1.5	1.3	4									3.4	4.1
ENE	1.3	. 4	. 3									1.5	3.3
£	• 5	4	4									1.5	4 . 4
ESE	3								<u> </u>			. 2	2.5
SE							<u></u>						
SSE	1								<u> </u>				3
5	1.2	1.5	. 3									1.3	9.2
SSW	9_	9	- 4		L.,	<u> </u>						1.2	4.1
sw			- 1									1.5	4.1
wsw	-1	. 4										.5_	3.5
w	- 4	. 7				<b></b>						1.2	ئەت.
WNW	. 4	3	- 3			ļ						1.3	4.
NW	3	<u>. 6</u>								!		1.3	4.1
NNW	1.5	1.6	4	. 3		L	ļ					4.2	4.7
VARBL			L			L	L	L	L			<u> </u>	L
CALM		><	$\geq <$	><	> <	> <	$\geq <$	><	><	><	><	67.4	
	15.6	12.8	4.7	- 3			i					122.3	1. 1

TOTAL NUMBER OF OBSERVATIONS 674

USAFETAC FORM ARE O-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUCHAL CLIMATOLOUV RRANCH UNAFETAC AIC WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42244	LANION AAF KO	69-70.73-85	महि
STATION	STATION NAME	YEARS	MONTH
	Ail	WEATHER	. <del>2</del> 33-1183
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	4-5	3	1.7									15.1	4.5
NNE	2.9	2.3	1.1									5.3	4.3
NE	. 5	1.1	. 1									1.5	4.5
ENE	. 3	1.3	7									2.5	5.1
E	• 5	. 3	.1	1								1.7	4.0
ESE	. 7	. 3	• 1									. 7	5.5
SE			• 1									. 1	7
SSE	. 1		. 1									1	5.0
S	1.2	2.3	. B	1								5.3	5.1
SSW	1.9	2.2	1.1									3	4 . 3
SW	- 3	7	-1									1.7	ة م ذ
wsw	1.1	. 5										1.9	3.4
w	1.1	1.5	.1									2.6	3.7
WNW	- 6	2.1	. 4									3 - 7	3.2
NW	2.1	1.2	1.4									4.7	4.5
NNW	3.9	3.2	1.8	. 4				ĺ				9.3	4 . 7
VARBL			. 1				<u> </u>					1	نمة
CALM		$\times$		> <	$\times$		$\times$	$\geq$	$\geq$	> <	$\supset <$	42.2	
	22.6	23.6	10-5	. 9								100.1	2.1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY RRANCH Georgetac Alporather Service/Mac

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47244	STANTON AAF KO		7 = 6 3	FFA
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHER CLASS		1230+1436 Hours (L.S.T.)
		CONDITION	<del></del>	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
2	3.5	4.5	3.3		- 2							11.5	5.4
NNE	2.3	1.7	8	l						I		4.5	4.5
NE	. 3	. 9	9									2.2	6.4
ENE	. 8	. 6	• 5									2.0	4.5
E	2	. 5										. 5_	4.5
ESE	_ 3											• 3	2.5
SE		• 2						1				• 2	4.0
SSE		. 6	• 2									2.3	5.6
S		2.3	1.4							1		4.3	5.6
SSW	2.3	3.9	3.6									3.8	5 . 5
sw	1.2	3.4	3.9	. 5								- م <u>ز</u>	7
WSW	1.1	4.0	2.5	3	• 2								ئىمى <u>.</u>
w	7.7	2.5	. 8	. 3								5.5	عــــــــــــــــــــــــــــــــــــ
WNW	2.6	3.5	7.9	- 3								9.4	5.5
NW	3.7	4.5	2.5	. 2								10.8	5.0
NNW	2.9	1.3	2.3	- 3		1						5.5	.5.1
VARBL	2	- 3	. 9			<u> </u>						1.4	6.9
CALM	$\searrow$				> <		> <	> <	> <		$\searrow$	11.5	
	23.3	36.5	26.0	1.9	. 7							177.7	4.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOPAL CLIMATOLOGY GRANCH Usafetac air weathir servic//mac

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STANION AAF KO	69-70,73->:	MONTH
	All wf A	I 45 S	HOURS (L.S.T.)
	COND	DITION	

SPEED (KNTS) DIR.	0 <b>- 3</b>	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7.8	3.0	4.2	- 3								12.4	5.9
NNE	7	2.0	. 8	. 3				I				3.9	9.0
NE	1.2	1.0	. 3						[			2.5	7.5
ENE	. 9	3.	. 2									1.3	4.
E	. 5	5							Ţ ——			1.3	3.2
ESE		2_										1	40.7
SE	. 3											• 3	2.5
SSE	- 5	3 .	• 2									1.	3.7
5	. 7	1.7	• 2									2.5	4.5
SSW	1.2	3.5	2.5	3								7.5	يت و ط
SW	. 3.3	4.7	4.2	1.7								17.7	6.4
wsw	3.5	5.2	5.7	.5								14.4	b.i.
w	7.2	5.2	3.7	- 3								12.4	5.6
WNW	1.3	4.2	2.8	- 3								3.7	5.1
NW	3	1.0	2.3	- 3		ļ — — — — — — — — — — — — — — — — — — —						دّ ه	6.2
NNW	. 9	2.7	2.0	. 2								5.7	6.1
VARBL			. 7	1								1.0	7 . B
CALM					> <		$\supset <$		> <		> <	5.5	
	21.2	38.2	29.7	4.3								122.2	5.5

TAL NUMBER OF OBSERVATIONS

USAFETAC FORM ALL 64 G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLORAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

USE WITH CANTION

STATION	STATION AAF AG	69-73.73-43	MONTH
	ALL WE	ATHES	ALL
	•	CLASS	HOURS (L.S.T.)
	co	NOITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.6	3.2	2.3	. 2	£							7.4	3.6
NNE	2.2	2.1.	8					<u> </u>				5.2	1.5
NE	- 3	1.1	- 5			<u> </u>		<u> </u>				2.5	4.5
ENE	. 9	9_	4									2.3	4.5
E	5	. 4	_ 2									1.3	4.1
ESE	. 2	1	£			[						4	3.9
SE	1		. 0								I	.2	3.5
SSE	2	2	.1									5_	4.5
S	3	2.0	.7							L		7. ند ا	4.9
SSW	1.6	2.6	1.9	1								201	5.4
SW	1.4	2.3	2.5	5			Ĺ	<u></u>	<u> </u>		<u> </u>	5.2	5.2
wsw	1.3	2.5	1.9	- 2			<u> </u>	ļ				5.2	2.3
w	1.5	2.4	1.1	2		<u> </u>	<u> </u>		ļ <u>.</u>			5.2	5.1
WNW	1.3	2.5	1.7	- 2					ļ			5.5	5.6
NW	1.7	2.3	1.6	-1			L		<u> </u>			5.7	2 م
NNW	2.4	2.7	1.6	- 3				L		L		5.9	5.1
VARBL		.2	- 4	<u> </u>							L	. 5	7.3
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	33.0	
	23.3			1.7								22.2	3.5

TOTAL NUMBER OF OBSERVATIONS 2642

USAFETAC AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH UTATETAC ATR WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4.544 G	STANTON AAE AD	b8-70.73-79	4 A -
STATION	STATION NAME	YEARS	MONTH
		EATHER	<u> 1620-0800                                 </u>
		CLASS	HOURS (L.S.T.)
	c	ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	.1										1.2	3.4
NNE	1.7	3.3	. 1	L								4.1	4.1
NE	1.3	1.3	-1									2.9	4.4
ENE	. 3	1.1	. 6									1.9	5.4
E	1.1	. 8	- 1			]						2.1	3.9
ESE	. 3	. 3										1.1	3.5
SE	. 1											1_ 1_	3.0
SSE	. 1	- 1	- 4									. 7	5.8
S	1.0	. 3	- 3	- 1								2.2	4.7
SSW	1.4	. 7		- 1								2.2	3 . 6
sw	1.0	- 4	- 4									1.8	4.3
wsw	- 6	- 1	. 1				T					ā	4.0
w	- 6	. 7	7			<del>                                     </del>						1.9	5.4
WNW		. 1	. 7									1.2	5.0
NW	- 6	. 2	. 1									1.5	4.2
NNW	- 6	1.2	- 4									2.2	4.5
VARBL	- 1									T		1	3.1
CALM		> <	$\supset$	$\supset \subset$	> <	$\supset$	> <	> <	> <	$\supset \subset$		57.7	
	11.8	17.7	4.3	. 3								100.0	1.

TOTAL NUMBER OF OBSERVATIONS 72

USAFETAC FORM DIL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR AFATHER SERVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STANTON SAF KO		72-79 YEARS	MA?
		CLASS		933-1155 HOURE (L.E.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.4	2.7	1.7	ь. Б								2.4	4.7
NNE	2.3	3.3	1.4						L	<u> </u>		5.3	1 ف ف
NE	. 9	1.3	5	.1				İ	l	l		2.8	5.3
ENE	. 5	1.5	- 6			I						2.3	5.0
E	. 4	. 9	. 4									1.7	4.5
ESE	. 4	. 5					[	[				. 7	3.7
SE	. 1											.1	2.2
SSE	. 4	. 5	. 6									1.5	5.7
5	1.6	1.6	1.7	- 3				Ţ <u>-</u>	,			5.3	5.6
ssw	1.3	3.1	1.6									5.9	5.3
SW	1.3	2.5	1.6	- 3								5.5	5.5
WSW	, ,	1.2	1.3	. 3								3.7	5.5
w	1.7	1.6	.6	- 1		i			1			4.3	4 4
WNW	1.2	1 - 7	1.0	.6								4.5	5.4
NW	1.7	1.6	1.0	- 1		<del> </del>						4.4	4.9
NNW	3.7	2.5	2.5	. 3			l '			1		2.1	5.3
VARSL	3	. 3	2.4		<del>                                     </del>			<del>                                     </del>		t		3	5.3
CALM				>	$\geq$	$\times$	>>	>	$\geq$	$\geq$	> <	31.5	
	22-5	26.2	16.9	2.8								20.2	3.6

TOTAL NUMBER OF OBSERVATIONS 7.7.4

USAFETAC FORM AL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SECSAL CLIMATOLOSY BRANCH USAFETAC AIR AFATHFA SERVICE/MAI

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 1244	STANTON AAF AO	63-73-73-79			
STATION	STATION NAME	YEARS	MONTH		
	ALL	«EATHER	1203-1432		
		CLASS	HOURS (L.S.T.)		
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	3.	1.3	. 7		-1						7	5.6
NNE	1-1-	1.	- 5		L							2.5	4.3
NE		1.4	5									I.J	5.9
ENE	- 3	<u> </u>	1_									1.2	لەقى
E	- 4	-8	. 4						ļ			1.5	5.3
ESE	3	. 7										1.1	4.9
SE		-1-										ــــــــــــــــــــــــــــــــــــــ	7.8
SSE	5	5	3									1.4	5.0
_ <u> </u>	1.5	2.3	-8	7_	ļ							5.4	. ق. ق
55W	1.5	3-4	4.8	3_								13.2	5.5
SW	1.6	5.7	5.2	1.1					Ĺ			13.5	5.5
wsw_	2.7	4.2	5.4	1.2								13.7	6.5
w	1.5	4.1	3.7	5			l					9.2	.5.3
WNW	1.1	1.9	2.3	2								6.1	5.7
NW	<u> </u>	3	2.5			ļ						6.9	_5.l
NNW	1.1	3.1	2.4	-4								7.1	3.3
VARBL	- 3	- 4	-3	<b>_</b>	<del></del>	<u> </u>			L			1.1	7.41
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\gg$	$\geq \leq$	$\geq \leq$	>>	9.5	
	15.7	36.4	30.6	5.1	5	1						133.3	5.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SERRAL CLIMATOLOGY BRANCH BRAFETAC ATR WEATHRH SERVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 3 2 4 4	<u> </u>	DA AAF	43				_68-	<del>73, 73-</del> 3	7.9					13
STATION			STATIO	N NAME					Yı	EARS			м	ONTH
		_				ALL JEA	IHER.						15:11-	17
						CL	A 5 8						HOUR	5 (L.S.T.)
		_												
						CON	DITION							
		_												
r				<del>,</del>			<del>,</del> -			,				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
Ţ	N	1.3	1.7	1.5	- 1								4.1	5.1
ſ	NNE	6	1.1	.1	- 3								2.1	5.3
[	NE	. 3	1.2	. 7									2.2	5.5
Γ	ENE		3	. 1									. 4	6.7
[	Ε	. 3		3									. 5	4.5
Ţ	ESE		• 3	.1									4	5.7
[	SE													
[	SSE	1	. 4	1									. 7	5.4
[	S	4	5_	1.3	- 6	1_							3.1	3.6
Į.	ssw	. 5	7	4.1	.7_	-1							3.5	7.4
Į	sw	2.4	6.1	6.5	1.8								17.3	9
Į	wsw	1.3	7.5	8.0	1.0	-1							13.3	1.2
ł	w	1.3	5.5	5.8	6	.1							13.7	6.9
ł	WNW	1.2	3.6	3.7	7_	. ₹							9.5	7.2
l	NW	1.5	1.8	3.6	9	- 3							لمق	7.4
Ĺ	NNW	1.5	1	1.5	9			l					5.2	5.5
[	VARBL		1	. 7									1.0	7.9
[	CALM		><		><	$\geq <$	><	><	><	><	><	><	5.8	
f		7												

TOTAL NUMBER OF OBSERVATIONS 676

USAFETAC PORM ALL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	LIANTER LAF KE STATION NAME	_ 63-78,77-79	YEARS	MONTH
STATION	STATION NAME		TEARS	MONTH
	ALL_	WEATHER		A.L
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2	, ,	1.3	. 4								5	5.4
NNE	1.4	2.1	.6	1_					I			4.2	4.7
NE	- 6	1.4	- 5									6.5	5.2
ENE	3	1.0	- 4									1.7	5.2
E	- 6	7	- 3									1.5	4.6
ESE	2	. 6	1	]								• 7	4.3
SE		.0		1								.2_	6 a C
SSE	3	- 4	-4									1.1	5.6
S	1.2	1.7	1.0	. 4	- 0							4	تمط
SSW	1.2	2.5	2.6	. 3	. 1							5.7	6.3
sw	1.5	3.6	3.4	- 5		Ī						9.3	6.5
wsw	1.4	3.2	3.6	-6	. 1							2.9	6.8
w	1.2	2.9	2.4	. 3	. 1	,						و د	£ • 2
WNW	1.0	1.3	1.9	- 6	- 1							5.3	6.3
NW	1.3	1.3	1.8	- 3	. 1							5.2	5.2
NNW	1.5	2.	1.7	4		<u> </u>						5.7	5.9
VARBL			3			l	<u> </u>					. 8	6.7
CALM	$\supset <$		> <	$\supset <$			$\supset \subset$		$\supset <$	$\supset <$		29.5	
	ibal	27.5	22.3	4.2	_ 4	. 0						100-0	4.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SCHRARE CLIMATOLOGY BRANCH SCHRETAG ATR FRATHER SERVICENMAG

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- > 4 4	STANION LAF 63	<u> 58-70-73-79</u>					
STATION	STATION NAME	• • • • • • • • • • • • • • • • • • • •	YEARS	MONTH			
	A	ALL WEATHER					
		CLASS					
		CONDITION					

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
7	2.1	1.	2.									خ و ک	4
NNE	2.5	1.9	3			<u> </u>						4.9	3.9
NE	9	1.9	. 4			ļ				L		2.2	4.5
ENE	. 3	1.5	• 7						L			2.5.	5.7
E	4	. 8										1.3	3.8
ESE	. 5	.1							L			. 7	3.2
SE	. 4											. 4	2.0
SSE	. 4	. 7	.1									1.3	4.7
5	1.7	1.9	2.2	- 8								7	b . E
SSW	1.9	1.0	8.	. 3								4.7	4
sw	. 5	1.2	. 3									فعنا	4.5
wsw			. 4									5	5.5
w			8									1.7	0.5
WNW	4	1				<u> </u>				Í		1.2	40-
NW		1		İ					L			لعنا	3.4
NNW		. 4	5									1.5	5.3
VARBL	. 3	<u> </u>									L	1.3	3.1
CALM		$\supset <$	$\geq <$	$\supset <$		$\geq \leq$	$\geq <$		$\geq \leq$	><		51.7	
	14.3	14.5	7 . 8	1.1								22.2	1.9.

TOTAL NUMBER OF OBSERVATIONS 715

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FOLM ARE OBSOLETE

SECHAL CLIMATOEOUM EMANCH USLFETAC ATH FATHS KISSKY10EMMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STANION AF AS		7-79 YEARS	A 2 ~
		ALL SEATHER CLASS		930-3105 HOURS (LIST.)
		CONDITION		

SPEED (XNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.5	1.2									-	4.5
NNE		2. ^	1.3									1.2	5.7
NE	. 3	1.4	1.7	1		<u> </u>						_ تون	5.5
ENE	. 7	1.2	. 3				İ					٤٠5	5.5
E	5	1.5	7									7	3 . 3
ESE	. 1					Ĺ	Í			i			Zai
SE		1											3.3
SSE	7	1	5	.1						l		1.4	5.3
5		4.2	2.7	_ 3								5.5	تمد
ssw	2.5	9.3	3.5	7						ĺ	Ĺ	15.4	5.2
sw	1.7	3.5	3.4	. 7	L					İ		1 - 2 - 3 -	تمف
WSW	1.	2.1	2.2	. 4								5.2	نعدا
w		1.7	9	- 4					L			14	كمف
WNW	2.5	1.6	- 7				L					4.2	لموا
NW	ن د ا	2.9	2.	3			l					5.5	4.2
NNW	2.2	1.6	9			I	L			l		4.3	4.5
YARBL	1.4	, c	. 1		I							2.3	1 3 2
CALM		$\geq <$		><		$\geq <$	$\geq \leq$	$\geq <$	$\geq \leq$	$\supset <$		22.4	
	25.2	31.7	21.5	8.5								122.3	

TOTAL NUMBER OF OBSERVATIONS 7.5.9

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH U AFETAC Alh Afather Service/Mac

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 2 4 4	STANTON BAF KO		APR _	
STATION	STATION NAME		YEARS	MONTH
		ALL ALATHER		12 2-1421
		CLASS		HOURS (L.S.T.)
	<u> </u>			
		CONDITION		

(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2	1.2	1.8	. 3								4.1	6.7
NNE	. 4	1.3	1.5									1.7	6.2
NE	. 4	. 7	1.2	. 1								4.5	7.1
ENE	.1	1.2	1.1									2.5	٥. ٩
E	. 3	اد ه	. 4	. 6								2.1	7.1
ESE	, L	. 4	.1									1.0	4.0
SE		<u> </u>									_	. 5	7.5
SSE	. 3	<b>a</b> 5	-1									1.2	4 . :
S	. 7	2.9	3.3	. 4			_					7.3	5.3
ssw	1.7	4 0	3.1	1.2								12.0	5.5
sw	1.9	5	9 . B	4.1								22.5	8 .
wsw	1.2	4 . 7	5.9	1.5								13.1	7.
w	1.5	2.2	2.2									5.9	3
WNW	1.4	1.2	- 5									3.7	4.
NW	1.2	1.8	1.5	. 4								4.7	6.
NNW	• 7	2.5	1.1	7								5.3	6.
VARBL	. 5	1.7	- 6	- 4	1							3.9	5.
CALM	> <		$\supset <$			> <	> <	> <	$\supset \subset$	><	>>	€.?	

TOTAL NUMBER OF OBSERVATIONS 7.2.7

USAFETAC FORM ARE 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIPAL CLIMATOLOGY BRANCH CRAFETAC ATT WEATHER SERVICE/4AC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. : 44	STANTON AAF KO	62-73.12-79	ΔÞ≎
STATION	STATION NAME	YEARS	MONTH
	A	LI MEATHER	15.42-17.00
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3	. 5	1 1								- 2	5.7
NNE	3	9	2.2									3.5	7.5
NE		- 4	1			Ĺ						2.1	7.5
ENE	- 1	. 3	. 7									1.2	7.1
E	.1	9	. 3									1.3	5.7
ESE	4	. 3	-3	1								1.2	5.5
SE	. 1	1	7									1.3	7.4
SSE	3	. 4	.3	- 1								1.2	6.1
s	1 . 7	1.6	1.9	- 1					]			4.5	6.3
ssw		2.2	5.4	1.5	. 1				i .			11.2	5.4
sw	1.6	5. 9	12.3	4.8								2:.5	. i . 2
wsw	1.5	5.	10.5	2.2	. 1							25.4	7.7
w	. 7	3.4	2.8	. 4	- 1							7.5	.6 . 5
WNW	. 5	1.3	1.6	- 3								4.3	_ <b>t</b> • 2
NW		- 6	. 7	- 6	1							2.5	7.1
NNW	. 4	1.2	1.6	. 1								3.4	6.5
VARBL		1.6	1 7	- 3	- 1							3.3	6.6
CALM						$\boxtimes$	$\geq \leq$	$\geq$	$\geq$	>>	$\times$	3.1	
	1:1-7	29.8	45.1	11.4	.6_		T =					122.3	7.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SEDSAL CLIMATOLOGY BRANCH GRAFETAC AIR WEATHER SERVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DSE WITH CAUTION SIE FIRST PAGE

STATION	STATION LAF K.)	<u> </u>	-79 YEARS	APR MONTH
	<del></del>	ALL MEATHER CLASS		4 L.S.T.)
		CONDITION		

		1.1 1.2 1.1 .9 .2 .2 .3 .3	.2 .1 .1								4.1 4.1 2.2 2.2 1.9 	5.1 5.7 5.3 6.0 5.5 4.9 5.9
	1.1 1.0 .2 .1	1.1 .9 .3 .2 .3	•1 •2								2.3 2.2 1.9 .3	5.3 5.5 4.9 5.9
3 1 5	1.0 .2 .1	.2	.1								1.9	5.5 4.9 5.9
2	1.0 .2 .1	• 2 • 3 • 3	.0								1.9	5.6 4.9 5.9
2		• 2 • 3 • 3	.0								1.9	4 . 9 5 . 9
2	1	.3	-1								. 7	5.9
	<u>.</u> 5.	3_									+	
											1.2	5.3
2 2.	2.7		. 6									
				I							7.1	6.4
3.1	3.1	3.9	9	- 3							9.5	6.3
4.1		6.3	2.3								1+1	7.7
3.1	3.1	4.6	1.3	. 7	1						9.7	7.4
1.9	1.9	1.6	.2	- 7							4.5	6.3
1 1.4	1.4	7	. 1								3.5	4 . 8
1.4	1.4		. 7						_		دَ مدَ	5.5
1 1 4	1.4		• 2		,			<u> </u>			1	5 8
	1.1	• 3	• 2	- 1				İ			1	5.6
	$\sim$	$\overline{}$						$\sim$			23.6	
-		104	1.4 1.2	104 100 02	14 12 2	104 100 02	104 100 02	104 102 02	104 102 02	111 12 12 11	114 12 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14	1 1 1 2 3 1 2 1 2 1 2 2 1 2 3 1 7 2 1 2 2 1 2 3 1 7 2 3 1 2

TOTAL NUMBER OF OBSERVATIONS 2882

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STANICA AAF AS	65-71-73-79	MAY
STATION	STATION NAME	YEARS	MONTH
	ALL	MEATHER	2633-5855
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	. ;	≥36	%	MEAN WIND SPEED
N	3.5	2.2	4									5.2	3.5
NNE	2.3	1.7	. 4	.1								4.5	4.1
NE	_ ف ا	1.7	. 3									2.2	4.5
ENE	9	1.2										2.2	3.8
ε	. 5	1	. 1							1		- 2	3.2
ESE		. 4		. 1							1	1 .5	6.5
SE		. 1	• 1							,	T	. 3	6.2
SSE	5	. 7	. 1								<u> </u>	1.3	4.3
S	2.3	3.1	2.6	. 1				ļ			1	5.1	5.4
SSW	1.1	1.5	1.5									4.2	3.5
sw	. 9	1.1	. 5			1						2.4	4.6
wsw	- 5	- 4	. 3	-1								1.3	5.2
w		- 1	.1	i		1						3	6.5
WNW	4			- 1							İ	.5	4.5
NW		. 1		i							†	.1	4.0
NNW		9				<b></b>					1	1.5	3.5
VARBL	- 8		<del> </del>									. 8	2.5
CALM		$\geq$	$\geq$	$\supset <$	> <	$\supset$	> <	> <	$\sim$	> <		52.1	
	15.2	15.6	6.5	7								123.0	1 7

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM ARE 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR AFATHER SERVICEZMAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 _ 24 4	STANTON GAF KO		
STATION	STATION NAME	YEARS	MONTH
	ALL	CLASS	9 10 - 1 1 0 1 HOURS (LIS.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	1.1	- 6								5 د ت	5.7
NNE	1.2	1.6	1.6	.4								4.9	5.7
NE	7	1.4	. 2			L			<u> </u>			204	4.4
ENE	. 9	. 6	.5						L			2.3	4.5
E	. 5	1.1	-5	.1				<u></u>	l			2.4	5.3
ESE		- 2	-2	-1						Ĺ			8.2
SE	- 4	. 4	. 2									1.5	4.5
SSE	•2		1_			ļ						1.2	4.5
S	1.2	3.6	3.4	- 4								خواد	<b>5.4</b>
ssw	1.7	4.2	4.9									13.7	5.1
sw	4.3	4.5	5.6	6_								13.0	5.1
wsw	2.4	3	1.4	5								72	5.2
w	1	1.5	6									3.1	4.9
WNW	1.2	1.2	5									2.7	4.5
NW	1.1.1	1.5	- 2									3.3	4.5
NNW	2.2	3.0	-7	1								6.1	4 4
VARSL	2.4			1								2.9	3.4
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	22.1	
	21.8	33.2	22.n	3.2								100.0	4 . 3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC ALL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECTAR CELMATOROSY PRANCH URAFETAC ATH REATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

باندن	STANTON ARE KO	68-75-73-79	A Y
STATION	STATION NAME	YEARS	MONTH
	ALL_a	CLASS	1273-1405 HOURS (L.S.T.)
		ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	3.3	2.0	. 7								7.2	0.6
NNE	7	1.8	5	1							L	3.4	5.6
NE		7.	3					Ĺ			L	1.1	5.3
ENE	. 5			L	L				<u> </u>	ļ		1.5	4.6
E	1_	. 7	9	1					L			1.2	6.5
ESE	1	- 4	1	.1					L				6.3
SE			3	_1_								- 4	13.3
SSE		1.2	1_									1.4	وود
\$		2.4	2.6	- 8	-1	L				ļ		6.3	7.3
SSW	1.4	4.2	5.4	. 7	l			l		i		12.5	5.9
sw	2.0	3.1	9.1	2.2								10.4	7.5
W5W	2.2	5.2	8.1	1.2								17.8	6.9
w	1.1	2.8	2.8	- 4					L			7.2	6.5
WNW	1.5	2	- 8	_ 1 _								4.5	4.9
NW	. 9	1.4	4									2.7	4 . 5
NNW	7.	2.3	. 9	1				I				4.3	5.2
VARBL	2	1.4	. 5	. 3								3.1	5.7
CALM		$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.5	
	14.5	34.7	36.8	7.1	- 3							100.1	6.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH UPAFETAC ATP WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 1 14 4	STANTON AAF KO	68-70-73-79	M A Y
STATION	STATION NAME	YEARS	MONTH
	AL	L WEATHER	1512-1703
		CLASS	HOURS (L.S.T.)
			_
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.2	1.3	. 3								3.1	6.7
NNE	. 7	1.2	.6	.1								2.5	5.4
NE	. 3	. 9	. 7	.1								2.3	6.1
ENE	. 6	1.5	• 1					_				2.2	4.5
E	1.3	- 4	. 6	. 1								2.2	5.3
ESE	1	3	.1									. 6	4.8
SE	. 1	- 4	1									. 7	5.0
SSE		. 4										1 7 -	3.8
5	1.2	2.1	2.5	. 4								6.4	5.4
SSW	7	2.2	7.6	2.0								12.5	5 3
sw	7	4.5	12.5	3.5								21.3	3.3
WSW	1.7	5.1	10.1	2.0	1_							25.3	7 . 5
w	1.5	4.4	3.5	. 4								9.9	6.1
WNW	- 4	1.2	1.0							l		2.8	5.2
NW	. 4		1.6	-1								3.1	5.9
NNW	. 9	1.6	1.3	- 4								4.2	6.4
VARBL	. 9		3	-1								2.3	4.9
CALM		$\triangleright <$	$\supset <$	$\geq \leq$		><	$\times$	><	><	$\supset <$	> <	3.5	
	12.1	30.2	44.0	10-1	. 1							120.3	6.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM AL 64 O-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLIMAL CLIMATOLOGY RRANCH JEAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

USE WITH CAUTION SEE FIRST PAGE

4 72 4 4	SIANI	DA LAE	6.0				_63-1	12.73-	79	_			4,	A.Y
STATION	•		STATIO	N NAME			_		¥	EARS	_		M	IONTH
		_				ALL ME							A,	
						CI	A55						HOUM	S (L.S.T.)
		_												
						CON	MOITIO							
		_												
r		<del></del>											¥	<del></del>
ĺ	SPEED (KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	<b>*</b>	MEAN
ł	DIR.			, , ,	1,110		12 - 27	20 - 33	34144	-11 - 17	1 40 . 33		~	SPEED
	N	1.7	2	1.2	. 4	3.0							5	5.5
[	NNE	1.2	1.6	9	_ 2_								3.9	5.2
[	NE	- 5	1.2	4	• 0								2.1	4.9
	ENE	. 7_	1.0	. 3		ļ					]		2.3	4 . 3
[	E	- 5	6	- 5	.1								فعذ	5.4
[	ESE	1	. 3	.1	.1								_ 5	5.5
[	SE	.1	. 2	2	. 0	L								5.7
	SSE	3	<u>. 8</u>										1.2	4.5
	5	1.3	2.8	2.5	. 4								7.4	6.3
1	SSW	1.2	3.1	5.0	. 7	L							1.4.2	5.9
Į.	sw	1.5	7.3	6.9	1.5			Ĺ	Ĺ			ļ	13.3	7.3
1	WSW	1.3	3.9	4.8	9	-2		L		<u> </u>			1104	6.8
Į.	w	. 3	2.2	1.7	- 2	L			ļ				<u>  5.3</u>	5.3
ļ	WNW		1.1	ь Б	1			ļ					2.5	5.1
İ	NW	-6	1.0	5				L		L			2.2	5.3
į	NNW	1.2	2.7	7_	2_	L							4.1	5.0
ļ	VARBL	1.3	_ 65_		1_	Ĺ		Ļ.,					2.3	4.5
	CALM		$>\!\!<$	$\geq <$	><	$\geq <$	$\geq <$	$\geq <$	$\geq <$	$\geq <$	><	><	24.3	

TOTAL NUMBER OF OBSERVATIONS 2971

USAFETAC FORM AN 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 12 4 4	STANTON AAF KO	68-73-73-74	:t:t	V
STATION	STATION NAME	Υı	ARS	ONTH
		ALL AFATHER	1600-	-2822
		CLASS	HOUR	R\$ (L.S.T.)
	<u> </u>			
		CONSITION		

SPEED (KNTS) Dir.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	2.5	1.1										3.5	3.3
NNE	1.3	2.4	.1	. 1								4.5	4.2
NE		1.1	1	·								2.1	4.4
ENE	1.3	1.1	.1	. 1								2.7	4.6
E	7	1.1										1.9	4.3
ESE	. 4	3										• 7	3.6
SE	. 4	1											2.5
SSE	7	. 6	_ 3									1.5	4.5
S	2.2	5.2	1.3									57	4.7
ssw	2.2	1.7	. 7									4.5	4.4
sw	1.7	2										3.9	4.1
wsw	4	1.7_	1						Ţ -			2.2	4.5
w												1	
WNW												1	2.3
NW	4		. 3									7	5.2
NNW	1.3	. 1	.1									1.3	3.3
VARBL	1.1											1.3	2.8
CALM		$\geq$	$\supset <$	><	$\supset <$	$\supset <$	$\supset \subset$	$\supset \subset$	$\supset \subset$	$\supset \subset$	> <	59.8	
	17.3	14-6	3.5	٠, ۲				<del>-</del>				133.3	1.7

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_716...

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SEURAL SELMATOLOGY ERANCH USAFETAS AIR WEATHOR SERVICL/MAG

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION STATION	STANION AAF	K ()		.73-73 YEARS	MONTH
	-		ALL MEATHES		1933-1113 Hours (L.s.t.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.9	. 9									4.	4.3
NNE	1.4	1.5	3_									3.3	4.9
NE	1.3	1.5	8.									ة مذ	4.7
ENE	_ 6	1.5	. 4	. 1					I			2.7	5.1
E	. 5	1.1	• 5									I . 3	4.7
ESE	. 5	. 9	.1									1.4	4.5
SE	- 3											. 3	2.5
SSE	- 8	- 5	- 1									1.4	3.9
5	2.4	3.2	2.4	-1								5.3	5.2
SSW	2.8	5.7	3.1									11.5	5.2
SW	2.5	6.3	2.4	- 3								12.3	5.2
WSW	1.3	3.7	1.5	7					<del> </del>			7.3	5.3
w	, ,	3	- 4	-	1	†	1					2.4	4.1
WNW	1.3	- 5	. 4									2.3	3.9
NW	1.3	1.5	- 1									2.7	3.7
NNW	1.8	1.4		-1	·		1	T				3.3	3 · B
VARBL	3.3	1.3	<del>                                     </del>	-1		<del>                                     </del>				<del></del>		4.5	3.5
CALM							> <		$\geq$		$\geq$	25.6	2.5
	25.3	34.6	13.4	1.0	.1				Ī ————			130.3	3.5

TOTAL NUMBER OF OBSERVATIONS 794

USAFETAC FORM AL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

う -**う**  SECHAL CLIMATOLOGY BRANCH USAFITAC ATR WEATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 1 2 4 4	STANION SAF KG		9	خانبان
STATION	STATION NAME		YEARS	MONTH
		ALL DEATHER		12_3-1420 _
	——————————————————————————————————————	CLASS		HOURS (L.S.T.)
			_	
		CONDITION		

SPEED (KN75) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	2.3	. â.									4.7	4.9
NNE		1.1	1.7									فعنا	5.6
NE	1	- 4	4		l		l	L			L	1.2	4.3
ENE	. 5	1.1	. 4		. 1							2.2	5.6
E	- 7	1.5		I			Γ					2.2	4.1
ESE	. 4	. 7	1			1						1.2	4.7
SE		3	. 3	, — —								د د	5.8
SSE	. 1	-3	. 1	1								_ 7_	5.6
5	1.7	2.9	1.4	- 6	J							5.5	5.9
SSW	1.5	6.7	4.6	. 7								13.5	5.2
SW	2.8	7 - 4	6.0	1.5								17.5	6.4
WSW	2.9	5.	5.0	.4								14.2	3.6
w	. 7	2.9	. 8									4.3	5.0
WNW	. 0	1.1	. 7	.1								2.3	5.3
NW	- 3	1.3	-6									2.4	4.5
NNW	1.2	1.6	7 7									3.3	4.4
VARBL	3.5	3.2		. 1								6.3	3.7
CALM						$\supset \subset$	$\supset <$	$\supset <$				12.5	
	27.4	<b>4</b> 7.8	22.5	3-6	- 1							138.3	N A É

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLURAE CLIMATOLOCY RRANCH Undfetac air weathir sfryiclymac

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ATION	21831	A AF	STATIO	NAME			- 65-	<u> </u>	( <del>.)</del>	KARS				IONTH
		_				ALL ME	ATHES						1500	-1700
						CI	.A88						HOUF	RS (L.S.T.)
		-				CON	DITION				<del></del>			
		_			<del></del>						_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
Ī	N _	1.	2.5	. 9									+ . 7	4.5
Į	NNE	1.5	. 7	9	. 3								7.5	L 3.2_
l	NE		3		<u> </u>								<u>.</u> .5	3.5
- [	ENE	. 7	1.5	. 7									2.9	5.1
L	ŧ	3	- 5		. 3	L							1.2	6.5
l	ESE		4	3									1.3	4.4
Į	SE			.1									. 3	5.3
	SSE	4		. 3	- 1								1.2_	5.1
ı	_ S	5 منا	2.5	1.3	1								4	5.2.
	ssw	4	4.3	4.3	1.0								15.5	7.2
I	sw		7.5	9.1	2.1								19.7	7.4
l	wsw	7	7.2	9.1	3								17.9	á . 9
ı	w	1.5	5.6	3.5	- 4			_					11.2	6.0
Ĺ	WNW	1.2	1.5	1									2.3	4.1
L	NW	7											1.5	4.2
[	NNW	1	1.6	. 4									3.1	4.7
[	VARBL	1.8	2.9	4									5.1	4.3
	CALM		><	$\geq <$	$\supset <$	$\geq <$	$\supset <$	><	><	$\supset <$	$\supset <$	><	7 • 3	
f											F			

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

1

GEOBAL CLIMATOLOGY BRANCH USAFITAC ATH WEATHER SINVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

USE WITH CAPTION SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

ATION TIA	<u> 1.13 - 48 - 48 - </u>	K.)	N NAME			_69-7	73-73-1	7.9	EARS				ONTH
	-		<del></del>		AL VE	ATHES						HOUR	i # (L.#.T.)
	-				CON	DITION							
SPEED (KNTS) DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	lat	2.1	. 6					i				7.3	4.4
NNE	1.3	1.5	. 5	1								د. 3 .	4.9
NE	9	9	. 3									1.1	4.5
ENE	3	1.3	. 4	1		L						ر. ن	5.1
E	. 5	1.1	1	1_								1.7	4.7
ESE	4		.1					<u></u>		Ĺ		1.1	4.4
SE	2		-1			L					<u> </u>	1	5.2
SSE	5	4	2	-1						ļ	· 	1.2	<u> </u>
5	2.7	3.6	1.5	. 2				·		ļ		7.4	202
SSW	1.5	4.3	1.1	4	<u> </u>							1 1	5.9
şw		5.9	4.3	. 9	<u> </u>	ļ				ļ		13.2	3.3
wsw	_ <del></del> _	4.7	3.8	-2		ļ			ļ	<u> </u>		_غمنية	5.1
w_	- 3	2.2	1.1	-1	<b></b>	ļ		ļ				<del>  101</del>	ئەد_
WNW		ــــــــــــــــــــــــــــــــــــــ				<del> </del>		ļ	ļ	<del> </del> -			
NW	- 5		- 2	<del> </del>	<del> </del>	<del> </del>				<del> </del>	<u> </u>	1 1 2	4.2
NNW		1.2			<del> </del>	<del> </del>			ļ			202	4.7
VARBL	<del></del>	رامال	<del>                                     </del>	-1		k				<del></del>	<u> </u>	4.5.	عمد
CALM		$\searrow$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\sim$	$\geq$	$\geq$	$\sim$		75.5	
				, ,								,	, .

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DEUBAR CLIMATOLOCY ROANCH USAFETAC ATRIBUTHER SEVICEMMAS

wsw

NNW VARSL CALM

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	LEALE	D' LAE	STATIO	N NAME			<u> </u>	773-		EARS				HONTH
•				-		All at	ATHES		,					-1-0:
		_					LASS				<del></del>			RE (L.S.T.)
		-				CON	DITION							
			·											
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	2.3	1.2	. 7	- 3								4	4.1
	NNE	1.5	2.	- 4 5	. 1								4.4	4.2
	NE	1.9		. 3									2.5	4
	ENE	2.3	3	. 5									3.7	3.4
	E	9	1.2	. 7										4.7
	ESE	9	4	_ 3		L							1.5	4.2
	SE		. 3	. 1									. 5	4.8
	SSE	3	1.1	. 4	-1								2.4	5.4
	S	لعفا	5.1	1.2	7								11.1	4.7
	ssw	3	4.3	1.6	1								1 t . 3	5.1
	ew	, ,	1 1	1 2	-				Γ —					

TOTAL NUMBER OF OBSERVATIONS 747

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL CLIMATOLOGY BRANCH DATETAC AIR AEATHER SERVICUMMAI

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ <u> </u>	<u> </u>	STATIO	NNAME			<u> </u>	773-	7.9	EARS		<del></del> -		IONTH
	-				ALL WE	ALHER				<del></del>		<u>-233</u> .	) ] IS (L.S.T.)
	-				CON	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.8	7.7	- 6	-1								7.2.	4.4
NNE	1.9	2.4	1.1									4_	4.5
NE	. 2	1.6	- 9	1_		Ĺ						3.5	5.6
ENE	1.5	1.4	1.1									_ ت ۹۰۰	4.8
E	1.0	. 8	. 3	• 3									4.5
ESE	.5	. 5	• 3									1.3	4.6
SE	• 1	. 5											3.3
SSE	. 9	1	. 3	3_									غوذ
S	3.3	5.7	2.1	_1.1								14.2	5.5
SSW	2.5	5.9	2.1	1								12.7	5.2
sw	2.4	5.3	4.7	I				<u> </u>				قعتا ا	5.5
wsw	خما	2.4	1.5	Ĭ		Ĺ						1 5.3	4 . 5
w		2	1	I								حملا	4.2
WNW		غما		l								1.4	3.5
NW	. 4						<u> </u>						3.2
NNW	1.4	5	. 4				<u> </u>					200	4.1
VARBL	1.4			I								1.5	2.9
CALM		$\geq <$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	><	$\geq \leq$	72.3	
				2.0									7 :

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DECRAE CEIMATOECEM RRANCH Diaflifac Aim Weatherw Selvic,/Mac

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	68-70-73-79	YEARS	MONTH
	ALL	WEATHER CLASS		1003-1401 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
Z	2.4	2.5	1.1									± • 1	4 5
NNE	1.4	1.0	1.2	-1								4.4	5.2
NE	. 9	2.2	1.1	1_								4.2	5.6
ENE	1.7	1.5	. 4										4.7
E	1.3	1.4										3.1	4,5
ESE	.1	. 4										. 5	4.
SE		. 7										. 7	4.4
SSE	2		• 5									1.	ز د ت
S	2.3	4.6	2.4	• 5		.1						13.2	5.3
55W	1.2	5.4	6.3	1.5	. 1							12.5	7.
SW	2.5	5.3	7.5	1.3								15.5	7 مان
WSW	1.5	4.2	3.0	- 4								9.3	5.0
w	1.5	2	. 4									4.1	4.
WNW	1.7	1.	, a									2.7	4
NW	. 7	1.4										2.3	3.1
иим	2	1.6	. 1									2.5	
VARBL	1.2	. 3	. 3									1.3	4.0
CALM		$\supset \subset$	><	> <	> <	> <	> <		><	> <	> <	12.5	
	20.0	37.4	,, ,	3.7	. 1	<u> </u>	<del></del>	<u>`</u>				12.4.2	5

TOTAL NUMBER OF OSSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

All 64

**う** 

SCHBAL CLIMATOLOGY BRANCH USAFETAC Alb menther Service/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	TANI	IN GAE	STATION NAME 68-70-73-79											MONTH	
31211011	-		ALL MEATHER CLASS										15 0-1700 Hours (L.S.T.)		
		_	CONDITION												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
	N	2.3	7.7	1.5									5.5	4.5	
	NNE	1 .5	1.3	1.3	. 3_								3.5	5.6	
	NE	1.3	1.2	1.3									3.3	5.2	
	ENE	. 3	7	. 3									1.3	4 . 6	
	E	. 4	1.3	• 3	• 1								1.3	4.8	
	ESE	1 3	. 4							Γ			. 7	3.5	
	SE	. 4	. 7										• 7	3.5	
	SSE	. 4	1.4	1.0									3.	0.1	
	S	l.6	2.5	2.2	1								6.3	8 و د	
	ssw	1.7	4.5	5.2	1.7	- 3				<u> </u>			13.3	1.2	
	sw	3.7	2.7	8.1	11.7	<u></u>	<u></u>						فعدد	Est	
	WSW	1.5	4.2	4.8	1.3		L	L			L		1103	6.3	
	w_	1.4	2.7	- 45					<u> </u>	L		ĺ	4.8	4.6	
	WNW		1.1.	-4	<u> </u>		ļ			ļ			2.0	4.9	
	NW	1.3	1.4		L						ļ	ļ	2.7	3.5	
	NNW	1.4	1.2	1_	ļ			<u> </u>			L		2.7	3.7	
	VARBL	1.7	4		L			Ļ,	L		Ļ		2.5	3.8	
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	12.3		
													7	7	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 693

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	
•	

DUTHAL CLIMATOLOGY RRANCH Disflicac All Afathin Serviceziac

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DOF WITH CAUTION SEE STRIST PAGE

STATION	STANTON SAF AS STATION NAME 63-70,73-79	
	ALL VEATHES	ALL HOURS (L.S.T.)
	CONDITION	_
	CONDITION	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	2.5	7	_1								9 ز	4.4
NNE	1.3	1.9	1.1	-1-								4.4	5.2
NE	1.2	1.4	. 9	.1								3.5	5.1
ENE	1.3	1.1	. 5									3.2	4.5
E	1.3	.1.1	.5_	.1								2.7	4.3
ESE		4	1						Ĭ			1.7	400
SE	. 2	. 4	.0									. خ	4.1
SSE	á	. 9	- 5	1_								2.2	5.5
5	2.9	4.3	2.0	. 6								13.3	5.4
ssw	1.9	5.3	4.0	. 6	1							11.5	5.3
sw	2.3	5.4	5.3	. 7								13.5	6.3
wsw	1.3	2.8	2.3	. 4								5.7	5.1
w		1.5	. 3									2.7	4 . 4
WNW	5	7	. 3									1.5	4.4
NW	- 5	9										1.4	3.6
NNW	1.4	2	2									2.5	3.7
VARBL	1.3	3	1									1.7	3.6
CALM	$\supset <$	$\supset <$		$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$		> <	24.3	
	21.9	32.2	19.3	2.9		• 7						120.2	4 .

TOTAL NUMBER OF OBSERVATIONS

GLURAL CLIMATOLOGY BRANCH Diaffiac Air Weather Service/Mac

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HATION	TANION AAF KO		3-79 YEARS	MONTH
		ALL WEATHER		633-3831 Hours (L.s.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.5	1.4	1									9.1	3.ž
NNE	2.5	2.2	. 5	1								1.4	4.3
NE	1.5	2.2	9					L		L		4.5	4.6
ENE	6.2	1.6	• 3					L	l	L		4.1	3.7
E	1.3	ذ و	1									1.9	3.3
ESE	. 4	- 4	. 3	1_				L	L			1.1	5.6
SE	. 4				L							- 4	2.3
SSE	_ ذ م _ ا	- 4	-8					L		L		105	5.7
5	1.3	2.2	2.3	. 4								6.7	6.
\$5W	1.1.	2.1	1.9					L			İ	5.5	5.6
sw	5	1.0	4 _									1.7	4.7
wsw		- 5	. 3	1					<u> </u>			1.4	4.5
w	1		<u> </u>	L				L		<u> </u>			5.3
WNW		<u></u>		L				L	<u> </u>				3
NW	1_	L		L			Ĺ	L	L	L			3.4
NNW	4				l			<u> </u>	<u> </u>	L		. 5	2.5
VARBL	٠	. 3					L					2.4	2.7
CALM		$\geq <$		$\geq \leq$	$\geq <$	$\supset <$	$\geq \leq$	><	><	><	><	57.5	
	18.3	15.3	8.5	. 9								123.5	2.3

USAFETAC FORM ARE OBSOLETE
AR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLUBAL CLIMATOLOGY BRANCH U.AFETAC AIP WEATHER SERVICEMMAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 2244	STATION AAF KO	68-70.73-79 YEARS	AUS .
37411011	A+1	JEATUED	MONTH 1930-1130
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7.4	2.3	-6									5.9	3.9
NNE	3.1	2.6	6	• 1								U - 4	4.1
NE	2.3	3.7	1.6	1								7.7	5.1
ENE	2.9	1.2	• 2									4.4	3.7
E	2.3	1.3	1_									3.3	3.6
ESE	. 5	• 7										1.2	3.6
SE	. 2											2	3.0
SSE	-1	2	.2									1.2	4.3
5	1.7	3.6	2.2	. 7								3.2	5.8
ssw	1.5	4.9	3.1	. 2								9.7	5.9
sw	2.2	3.8	2.0	. 2								٤.2	5.2
wsw	1.7	1.2	9									4.4	4.5
w	• 7	- 4	- 1									1.2	3.9
WNW	7	. 6										1.3	3.2
NW	1.1	.6										1.7	3.4
NNW	1.7	1.3		1								3.2	3.7
VARBL	2.9	. 5	1									3.6	3.1
CALM		$\supset <$	> <	$\supset <$	$\supset <$	$\supset <$	$\times$	$\supset <$	> <	$\times$	> <	26.5	
	29.9	30.2	11.9	1.6								120.2	7.4

TOTAL NUMBER OF OBSERVATIONS

SEOBAL CLIMATOLOGY BRANCH Usafitac Air Weathir Seavice/Mac

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9.1244	STANION AAF KO	68-70.73	-79	A
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS	=	HOURS (L.S.T.)
			_	
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	, ,	3.1	1.5									7.1	4.7
NNE	1.7	2.5	. 7					I		Ī		4.1	7 7
NE	1.6	2.3	1.4	-1							<u> </u>	5.5	5.2
ENE	1.2	2.3	. 8									4.1	5.0
E	7	1.5	.1						]			2.5	4.6
ESE	1.4	1.1	.3									2.7	3.9
SE	4	. 3										. 7	3.2
SSE	1	1.2	.1.						_			1.2	4.9
S	. 5	2.5	2.2	.1			_					3 3	6.5
ssw	2.3	3.3	4 . 4	. 8			_					10.8	5.3
SW	1.4	4	5.9	1.5							``	12.7	7.2
wsw	2.2	3.3	2.6	. 1								3.2	5.4
w	2.2	1.6	.5									4.4	4.1
WNW	1.4	1.5										2.9	3.3
NW	1.2	2.7	3_									3.5	4.2
NNW	2.2	2.3	. 4	. 1								5.1	4 . 3
VARBL	4.4	1.5										5.9	3.1
CALM		$\geq \leq$	$\geq$	$\geq <$	$\geq$	$\supset <$	$\geq \leq$	$\geq <$	><	$\geq$	$\geq \leq$	13.4	
	26.2	35.2	21.3	2.9								172.3	4 - 5

TOTAL NUMBER OF OBSERVATIONS 7.3.2

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLORAL CLIMATOLOGY RRANCH USAFETAC Ale meather Servicommac

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 4 4	SIANTON AAF KO	<u> 68-70.73-79</u>	AU3
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	3.7	. 9	.1								2.9	4.5
NNE	5	2.5	1.3									4.4	5.5
NE	1.6	2.4	1.5									5.5	5.0
ENE	1.2	1.9	. 6									3.5	4.5
E	7	1.8	. 4									3.0	4.5
ESE	. 3	. 7	. 6				<u> </u>					1.5	5.6
SE	1	. 6										7	4.5
SSE			1									1	10.0
<u>s</u>	- 4	1.	2.5	1_								4.1	7.1
SSW	1.3	5	3.7	9								10.9	6.5
SW	1.3	5.4	7.2	. 9								15.5	6.3
WSW	1.5	5.5	4.3	. 4								11.5	6.3
w	2.1	2.3	- 4			L						3 . 3	4.3
WNW	1.2	1.5	. 3									3.0	4.2
NW	- 4	1.3	. 1									1.9	4.4
NNW	1.5	2.5	-1									4.1	3.9
VARBL	3.3	1.2										4.1	3.4
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$>\!\!<$		$\geq \leq$	$\supset <$	>>	14.6	
	18.2	40.8	23.9	2.5								130.3	4.6

TOTAL NUMBER OF OBSERVATIONS

SECRAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

#### SURFACE WINDS

USE WITH CAUTION SEE FIRST PAGE

4 -ZE4 MOITATE	STANICN LAE K) STATION NAME STATION NAME VEARS	A J S MONTH
	ALL WEATHER CLASS	ALL HOURS (L.S.T.)
	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.4	2.7	2	• 0								3.3	4.2
NNE	1.3	2.4		1								5.1	4 . 6
NE	1.3	2.7	1.3	.1		<u> </u>		<u></u>		l		1 5.5	5.0
ENE	1.3	1.8	• 5									4.3	4.2
E	1.3	1.3	. 2									2.3	4.0
ESE	ь ь	. 7	. 3	0								1.7	4.5
SE	3	- 2							l			5	3.5
SSE	. 4	4	. 3				L	L				1.1	5.2
S	1.2	2.4	2.3	. 4					<u> </u>	<u> </u>		5.2	5.2
3SW	1.5	3.7	3.2	5_		L						9.2	_5.1
SW	1.3	3.7	3.7	. 6			<u></u>		<u></u>	<u> </u>		9.3	
wsw	1.5	2.7	1.8	2			L		ļ			5.1	عمدا
w	1.2	1.1	. 3	L								2.7	نمعا
WNW	2	3	- 1	[			L					1.3	3.6
NW	7	1.3		L								1.3	4 .
NNW	1.4	1.5	-1	1							<u> </u>	3.2	3.5
VARBL	3.1	- 7				L	L		<u></u>	L	L	3.9	نمتا
CALM		$\supset \subset$	$\geq <$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	28.5	
	23.3	3.1.1	15.8	1 . 9								naaa .	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF WIND

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42244	STANTS AAF KO			
STATION	STATION NAME		YEARS	MONTH
	A	CLASS		2633+3633 HOURE (LIST.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAP WINE SPEEC
N	4.3	3.3	•1									7.5	3.4
NNE	2.2	2.5	• 3	• 1								5.2	4.
NE	1.4	2.6	. 6									4.5	4.
ENE	. 4	1.3	• 1	• 1								1.7	4.1
E	8	. 4	• 1									1.4	3.
ESE	. 5	3										. 3_	3.
SE												1	
SSE	. 1	. 3	_ 1									. 5	5.
5	. 7	1.4	. 8	-1								3.1.	5.
55W	. 3		- 1									1.3	4.
sw	. 6	-6.	l	<u> </u>								1.1	3.
wsw	3		- 1										5.
w				<u></u>									
WNW	6_	<u>. E</u>										1.1	3.
NW	4			L		<u> </u>						1	4
NNW	1.4	. 7	-1	<u> </u>								2.2	3.
VARBL	1.4					1						1.4	2.
CALM	><	> <	$\geq <$	$\geq <$	>	$\cdot$	><	$\geq <$	$\geq \leq$	><	><	56.8	
	15.5	14.6	2.6									100.0	,

TOTAL NUMBER OF OBSERVATIONS 717

USAFETAC O-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC H AI- WEATHER SERVICE/MAC

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4.1244	STANION AAF KO	63-70.13-79	5=>
STATION	STATION NAME	YEARS	MONTH
	Ai	L WEATHER	.905±1100
		CLASS	HOURS (L.S.T.)
	<del></del>		
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	5.2	5.5	1.9									12.5	43
NNE	3.0	3.9	1.2		<u> </u>		<u> </u>					= 1	4.5
NE	1.5	3.4	1.5									ذه غ	4.8
ENE		1.5	. 4			l						2.7	4.4
ŧ	1.1	. 4	-1									1.5	3.5
ESE	7											. 3	2.3
SE	3												2.5
SSE	. 7	. 3	. 3									5	5.2
_ S	1.5	1.3	7	. 5								4.3	5.6
ssw	1.5	د ما	- 3			I						3.4	_3.9
sw	. 5	1.5		1								3.1	5.1
wsw	- 9	9	- 1									1.9	4.0
w	- 5	. 9	4									1.9	4.9
WNW	1.1		.1									2.2	4.1
NW	1.7	1.1	.1									3.0	3.5
NNW	4.2	3.5	• 1	. 1								7.8	3.7
VARBL	2.0	5	. 3									2.3	3.5
CALM		$\geq \leq$	$\geq \leq$	$\times$	$\geq$	><	><	$\times$	$\supset <$	$\supset$		36.7	
	27.2	27.3	8.1	. 8								تاران ا	2.7

TOTAL NUMBER OF OBSERVATIONS

ALURAL CLIMATOLCCY RRANCH
LIAFETAC
ALL ACATHER SERVICIEMAC PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

## DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- 244	STANTON RAF KU		9	SEP
STATION	STATION NAME		YEARS	MONTH
		ALL SEATHER		1210-1404
	<del></del>	CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.2	5.7	2.2	. 5								11.9	2.2
NNE	1.5.	3.4	1.5	• 1								5.5	: 3
NE	1.3	3.2	.7									5.3	5.0
ENE	1.3	2.8	. 6									4.7	4.5
E	1.3	1.2	. 7			<del> </del>						2.6	5.2
ESE	. 3	. 9	• 3									1.5	5.2
SE	.1	- 4				1						.5	3.0 3
SSE	. 1	. 5										. 7	4.5
s	1.3	2.2	. 4									4.0	4.5
SSW	1.5	3.3	1.2	. 1								0.5	5
sw	1.2	3.2	2.3	. 4								7.2	<b>3.</b> 2
wsw	1.5	3.9	1.2									5.4	4.7
w	1.9	2.3	. 4									5.1	4.7
WNW	1.3	3.1	. 1									4.2	4.4
NW	1.2	2.3	. 6									4.1	4.5
NNW	2.3	4.1	. 9									7.3	4.6
VARBL	4.2	1.3										5.5	3.3
CALM		$\supset <$	><	><	$\times$	$\supset <$	$\times$	> <	> <	$\supset \subset$	>	15.5	
,	15.2	44.3	13.2	1.3								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

SILEAL CLIMATOLOGY BRANCH Diafetac Alb Weathfiloe-Vice/Mac

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- 1299	STANTON NAF KD	62-73.73-79	ς = 5
STATION	STATION NAME	YEARS	MONTH
		WEATHER	1537-1701
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	9.4	2.3	_ 3								1	5.5
NNE	1.4	3.7		5	. 2						_	2.7	5.3
NE	1.2	1.4	1.4	- 2								4.2	5.3
ENE	. 3	1.2	. 5									2.5	4.4
E		. 6	. 5	. 2								1.9	5.7
ESE	. 9		. 2									. 7	3.5
SE	. 5	- 6.5										1.2	4.0
SSE	5	4.3	. 2									i a i	3.7
S	2.1	1.7	• 2	. 2								4.1	4.4
SSW	1.3	1.7	1.7	. 2								5.5	5.1
SW	1.2	4.5	2.5	2								3.4	5.7
wsw	2.5	4.2	2.2	. 3								9.2	5.2
w	3 - 4	3.4	- 3	. 3								5.1	4.5
WNW	1.6	1.1	. 2									2.3	3 6
NW	2.5	1.2	- 3									4.1	3.5
NNW	- 2 - 2	4.1	- 8									7.2	ق با
VARBL	3.3	. 5	- 2									4.4	3.1
CALM				$\geq$	$\times$	>>	$\times$	$\times$	>	$\times$	> <	16.3	
	28.5	37.3	14.8	2.2	7							1	4.1

TOTAL NUMBER OF OBSERVATIONS

#### SURFACE WINDS

## CLU-AL CLIMATOLOUY ARANGH UCARRITAD ATH ARATHER SERVICEZMAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 244	STANTON WAF KO		79	
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER	<u></u>	ALL
		CLASS		HOURS (L.S.T.)
		CONDITION		
	<del></del>			

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	7 ، ز	ت د	1.5	. 2								1	4.7
NNE	1 2.2	3.4	1.3	. 2								6	4.9
NE	1.4	2.7	1.5									5.2	4.6
ENE	. 8	1.6	. 4	• 0								. • 5	4.5
E	. 9	. 5	. 4	. 3								1.9	4.5
ESE		3	. 1									1.3	3.9
SE		3										• 5	3.7
SSE	. 3	4	-1										4.7
5	1.4	1.7	. 5	. 2								3.3	303
ssw	1.2	1.2	. 8	.1								4.5	4.5
sw	1.0	2 4	1.3	• 2		Ī						4.3	5.7
wsw	1.2	2.2	. 9	.1								4 3	5.2
W	1.4	1.7	. 4	. 1								3.5	4.5
WNW	L 1.	1.4	.1									2.5	4.1
NW	1.4	1.2	. ?									2.9	3.9
NNW	2.5	3.1	. 5	• 0	• 2					Ţ		5.1	4.3
VARBL	2.7	. 7	. 1									3.5	3.1
CALM			$\geq <$	><	> <	$\geq <$	><	$\geq$	><	><	><	34.7	
	24.5	30.6	9.5	1.1	- 1							1	3.0

TOTAL NUMBER OF OBSERVATIONS

DEDRAL CLIMATOLOGY PRANCH Deafetag at- "Father Service/Mac

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 244 STATION	LALL	05 4AF	STATIO	N NAME		<del></del>	<u> 55-</u>	7:1,7?-	7.5	EARS				IONTH
					·	عما ۸	AIHES_							-2825.
						c	LASS						HOUR	(L.S.T.)
		_				CON	IDITION							
	SPEED		,		Ţ		<del>-</del>							MEAN
	(KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WIND SPEED
	N	4	2.1	- 4									3.65	3.3
	NNE	2.5	2.2	. 4									5.1	و ذ
	NE	ذ •	4	- 4									1.7-	4 - 2
	ENE	4	1.3	1			<u> </u>						1.5.	4.4
	E	_ 4					[						. 4	2.7
	ESE	. 3	.1										. 4	تود
	SE			Ĭ			I			I				
	SSE			1	I			L						5 . 5
	\$			. 7	L		L						. 3	5.5
	ssw	-1		1.	L					I			. 3	5
	sw		-1			L							- 3	1.0
	wsw	1	1	1						[			- 4	5.3
	w			2									3	7 - 1
	WNW			1			1						1_	7
	NW	- 1	- 1			ļ								0.
		11	1		I	i —		I	1				II	

TOTAL NUMBER OF OBSERVATIONS

SUMPAU CETMATOLOSY RRANCH Usafetac Ale Abather Servici/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42:44	SLANION SAS			63-70.73-79									
STATION		STATION NAME					Y	EARS				MONTH	
	_				AIHES				<u>_</u>		<u>. 2 : :</u>		
				c	LASS						нов	JRS (L.S.T.)	
	-			CON	IDITION								
	_		-										
Г	cacco	T	Ĭ	T	T		T			1			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	5.4	5.2	2.1	4.1								12.5	4.1
NNE	2.2	2.2	3									1.2	4.0
NE	ت. 2	1.	- 4			ì						4.2	4.5
ENE	1.3	1.9										2.9	3.5
E	1.0	7	• 1									1.1.2	3.6
ESE	7												3.5
SE		_ i	. 3									. 4	5.3
SSE		. 3	• 3									. 5	5.2
s	1.4	. 9	ę									_ 9	4.2
ssw	4	:	. 4									1.5	4.5
sw		. 2										1.2	3.5
wsw		1.5				Ī						2.1	4.1
w	1	1.2	. 3									2.5	3.3
WNW		1.6	. 3									3.5	3.8.
NW	1. 2.5	1.0	. 3									4.9	3.7
NNW	2.6	3.7	• 5	. 4								7.3	4.4
VARBL	3.8	.5	.1						ļ —			3.4	3.0
CALM				$\supset <$		><	><	><	><		><	46.5	
	27.4	25.3	6.2						3			دوديا	2.4

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SLUPAL CLIMATOLOGY BRANCH USAFETAC Alt reathir serviculmac

STATION STATION NAME

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					CON	DITION						
	_	<del></del>		<del></del>			<del></del>					
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	2.4	4.3	1.9	- 6								ž.
NNE	1.1	1.7	. 5									
NE	1.1	1.9	- 6									,
ENE	. 9	1.4	.1									2
E	. 6	- 3	- 4									1.
ESE	5	-1		L								
SE	- 3	. 4										
SSE	1	_ قعــــــــــــــــــــــــــــــــــــ	-7.	1_		<b>-</b>			l			1.
S	1.4	2.1	- 6	-3	<b> </b>							4.
SSW	1.3	2.5	1.3	. 3	<u> </u>	ļ		ļ	ļ.—_			
5W		3.3	1.7	ļ								5.1
WSW	-6-1	3.2	1.9			<b> </b>			ļ			7.e.
w	2.2	3.2	1.4	11_	<del></del>	<b>└</b>						7.
WNW	_3.3_	3.6	1.9	<u> </u>		ļ		<del> </del>				مقہ
NW	- 4 - 5	2.1	1.7	<u> </u>				<del></del>				_ b.
NNW	3.9	4.3	1.8	<del>  -1</del>								10.
VARBL	3.5	رلعلي		<del></del>	<del></del>	<del>-</del>	<b>-</b>					5.
CALM	><	$\sim$	> <	> <	><	$\sim$	> <	><	$\sim$	><	> <	17.4

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOPAL CLIMATOLOCY RRANCH STAFETAC AIR WEATHER SERVICENMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STANTON BAE KO		63-75.73-79	130	
	STATION NAME		YEARS	MONTH
	ALL #E	ATHER		1500-1700
		LASS		HOURS (L.S.T.)
<del></del>	····			
	co	IDITION		
<del></del>				HOURS (L.S.1

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	4.1	2.2	. 3								3.7	5.4
NNE	5_	1.	. 6									2.2	5.3
NE	. 6	1.5	. 4									2.5	5.0
ENE	.1	• 7	. 4									1.3	5.5
E	. 3	. 6										. 9	4.3
ESE	.1	. 3										. 4	4.
SE	.1		.1									. 3	5.3
SSE	. 5	. 3											3.2
S	1.2	. 7	. 4									3	4.5
ssw	1.2	2.5	1.3	. 4								5.6	2.5
sw	1.9	3.4	1.8	.1								3.7	5.3
wsw	3.5	7.5	2.8									13.3	4.3
w	3,5	4.1	2.1	. 3								12.3	4.9
WNW	1.5	2.1	1.3	. 3								7.1	5.3
NW	1.5.	2.1	1.3	.1								5.3	5.4
NNW	3.7	4.4	9									9.0	4.1
VARBL	3.1	1.3	1.0	.3								5.5	4.2
CALM		$\geq <$		$\supset <$	> <	$\supset <$	><	><	><	$\supset <$	> <	16.9	
	26.6	37.9	16.7	1.9								20.1	4.1

TOTAL NUMBER OF OBSERVATIONS

SLOBAL CLIMATOLOSY BRANCH USAFETAC ATP WEATHER SERVICE/MAC

#### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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2.471	JA AC	STATIO	NNAME		<del></del>	53-	7.1.73-	79	EARS				ONTH
	-				ALL E	THER				_		HOUP	15 (L.
	-				CON	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥56	*	× ×
N	3.2	4.	1.6	. 2		_						. Y.5	4
NNE	1.5	1.9	. 6									4.1	4
NE	1.1	1.4	• 5									3.3	1
ENE	. 5	1.2	• 2									2.3	-
Ε	. 6	. 4	. 1									1.1	١.
ESE	. 7	. ?										. 5	
SE	.1	. 1	. 1									7	
SSE	. 3	. 2	.3	• 3								- 3	
s	1.3	• 2	. 6	. 1								2.7	
SSW	. 7	1.5	. 8	• 2								3.1	
sw		2.2	. 5									3.7	
wsw	1.5	3.0	1.2									5.7	
w	1.7	2.1	1.3	1								4.3	
WNW	_i.7	1.8	. 9	1								4.5	
NW	1.7	1.5	ę.	1								4.1	
NNW	2.3	3.1	, o	1								6.9	
VARBL	2.3	. 7	. 5	•1								4.2	Ι.

TOTAL NUMBER OF OBSERVATIONS 2891

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITION	ONS OF THIS FORM ARE OBSOLETE
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· reconspile	and the same of th

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BLORAL CLIMATOLOGY BRANCH Loafetat Air Weather Service/Mac

> WSW WNW NW NNW VARBL

> CALM

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 7244 STATION	LAAL	JA : AF	KO STATIO	NAME			<u> 63-</u>	13.72-		EARS				OV
•		-				الم الم	ATHER	<u>-</u>			_ <del>_</del>		15.12	- 26 22 HE (ILLELTL)
		_				CON	DITION							
}	SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
ļ	N	1.5	1.9	- 7									4.1	4.5
[	NNE	. 9	1.1	.1									2.1	3.5
ĺ	NE	. 6	. 7	3									1.5	4.3
	ENE		. 6	1							<u> </u>		1.3	3.3
	E	7	. 9	l									1.6	3.3
	ESE	3	6	. 3									1.1	4.8
	SE	-1	-1							L			3	3.5
ſ	SSE	6	4								ļi		1.1	4.0
	<u> </u>	1.	1						<u> </u>				2.3	3.6
	SSW	.9_				<u> </u>	<u></u>		L				iaz	2.9

TOTAL NUMBER OF OBSERVATIONS

75.0

USAFETAC FORM 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLORAL CLIMATOLOGY PRANCH USAFETAC ATR WEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

+ - 244	STANION AAF KO			
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		<u> 1953-1136</u>
		CLASS		HOURS (L.S.T.)
	<del></del>	CONDITION		
	**************************************			

9 7 8 7 1	3.3 2.2 .9 .4 .3 .4 .7 2.1	1.9 .7 .3	-1								11.2 5.6 3.3 7.1 1.1 1.5 .7	4 2 4 1 3 4 2 5 3 3 4 4 5 5
9 7 8 7 1 6	. 4 . 3 . 4	• 3 • 4 • 4 • 7 • 1 • 0	-1								3.3 2.1 1.1 1.5 .7	3.4 2.5 3.3 4.4 8.0
7 8 7 1 5	. 4 . 3 . 4	- 4 - 4 - 7 1 - 0	-1								1.1 1.5 7	3.4 2.3 3.4 4.4 5.5
8 7 1 5 6	-3 -4 -7 2-1	.4 .7 1.5	-1								1.5	3 4 . 4 5
7 1 5 6	.1	.4 .7 1.5	.1								1.5	4 . 4 5 . 5
1 5 5	2.1	.4 .7 1.5	-1								. 7	5 a 3
5 5		7 1	.1									5.
6		1.5									1.9	5.
6												
						I	l				. خوت ا	لمظا
5	- 2	. 7									1.3	5.
y	1.5								<u> </u>		2.3	4
5	6	6	1_								1.5	5
5_	2.5	1.3									4.7	عد
4	н	1	1								3.3	5.
1	2.5	- 6									N -	4 . !
	2.5	1.0									11 -	4
4		. 4	. 1								1.9	4.
	><	>		><	$\supset <$	> <		> <	> <		42.4	
2		2.5	2.5 .6. 2.5 1.0	2.5 .6	2.5 .6	2.5 .6	2.5 .6	2.5 .6. 2.5 1.6	2.5 .6 2.5 1.6	2.5 .6.	2.5 .6.	2.5 .6 4.7 2.5 1.6 6.9 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM ARE 08-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DECRAL CLIMATOLOGY ERANCH Charetac At- Weather Service/Mac

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9 2 2 9 4	STANTON AAF KO	63-70.7	3-79			
STATION	STATION NAME		YEARS	MONTH		
		ALL WEATHER		1230+1400		
	,	CLASS		HOURS (L.S.T.)		
		CONDITION				

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.5	5.3	1.8	. 3								11.	4.5
NNE	1.3	1.5	- 1									2.3	4.1
NE	6	1.3	1									1.3	4.3.
ENE	.7	1.0	1					L				1.9	3.8
E	4	_ 6										1.2	3.7
ESE			1_									1.3	5.6
SE		. 3	. 6									1.3	5 8
SSE		3	7	1_								1.3	7.1
<u> </u>	2.1	3.1	2.2	.3								7.7	5.4
\$5W_	2.1	4.3	1.9	. 1								5.2	5.2
sw	1.2	3.6	2.4	. 4								7.5	6.1
wsw	1.3	3.4	. 9	. 3								5.9	5.2
w	3.3	1.7	2.1	. 4								7.7	5.2
WNW	2.5	2.7	1.9	4								7.5	5.3
NW	3.7	3.9	1.5	-1								9.2	4.4
NNW	1.9	3.1	1.6	3								7.3	5.3
VARBL	- 6	. 6	5	1	3							2.2	7.5
CALM		$\bigvee$	><	><	$\geq <$	><	>>	> <	><			14.5	
	25.9	37.3	18.9	3.1	7			_				100.1	4.4

TOTAL NUMBER OF OBSERVATIONS 673

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEMMAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 TATION	SIANIO	N: ∴AF	K C. STATION	NAME	 	نةط_	-7 - 7	7-79	VE	ARS	 	) V
		_				ATHER						 -1735 # (L.E.T.)
		_			 co	NDITION			-	<u> </u>		
		-			 							
	<del></del>		,		 						 	 

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	3.5	1.9	- 5								7.2	٠.9
NNE	5	<u>. e</u>	5			ļ	L	1	L		L	1.9	4.3
NE	5_	2	- 2	<u></u>		<b></b>	ļ				ļ	1.2_	4.0
ENE	9	- 5				<u> </u>						1.3	3.5
E	3	-2	3	<u> </u>			ļ <u>.</u>	<u> </u>	<u> </u>		<u></u>	8	4.5
ESE		-2								L		. 3	3.2
SE			3_							ļ <u> </u>			5.2
SSE	5		1.3	ļ	ļ	ļ				<u> </u>		2.7	5.5
	2.2	2.2	1.1	5	<u> </u>		<u> </u>		ļ			. تعم	5.3
SSW	3.3	3.	1.1	ļ		<b></b>	<u> </u>	ļ				7.5	4.3
sw	1.5	5.9	3.8	8_	2		L		ļ			12.2	ط و د
WSW	4.5	3.7	2.4	5								11.1	5.0
w	3.5	3.3	1.4	5_				<b></b>	L			9.2	5.1
WNW	2.5	2.5.	1.7		2	<u> </u>			<u> </u>		<u> </u>	7.5	5.9
NW	1.5	2.4	- 8	2_					L	<u> </u>	ļ	4.9	4.5
NNW	1.7	2.5	1.9	6_				ļ		L		6.3	5.9
VARBL	8		8.		L		L				<u></u>	103	5.2
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	15.4	
	27.2	32.4	19-6	4.1	- 3	]						133.3	4.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM ARE OBSOLETE

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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4 1244 STATION	STANTON AAF KO	65-70.73-79 YEARS	NOV MONTH
	ALL is	EATHE O	HOURS (L.S.T.)
	C	ONDITION	

SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.2	3.5	1.5	. 2								4	4 . ż
NNE	1.4	1.3	. 4									1.2	4.
NE	1.5	7	. 2									1.5	4.5
ENE	1.3	. 6	• 1									1.5	3.3
E	. 6	5	• 1									1.1	3.5
ESE	. 4	- 5	. 2									1.1	4.5
SE	. 2	. 1	• 3	.2								1 . 5	6.3
SSE	- 5	5	. 7	.0			i					1.3	5.6
\$	1.4	2.1	1.1	.2								4	5.2
SSW	1.5	2.0	. 9	. 3								5.5	4.8
sw	. 9	2.3	1.6	. 3	. 3							5.7	5.1
wsw	1.5	2	1.0	• 3								4.9	5.2
w	1.9	2.1	1.1	• 2								2.د	5.2
WNW	1.3	1.5	1.2	. 3								4.9	5.5
NW	1.3	2.2	. 9	.1								4.9	4 0
NNW	2.1	2.2	1.2	• 2								5.7	5.3
VARBL	- 7	• 2	.5	. 1	-1							1.5	5.7
CALM	$\geq <$		$\geq <$	><		$\supset <$	><	$\times$	> <	>	> <	37.9	<u> </u>
	21.9	25-1	13.0	1.9	_ 1							177.7	3.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC	FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AL 64
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SLOBAL CLIMATOLOBY BRANCH U/AFLTAC Alm Weather Service/Mac

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	TEXT	JA CAF	STATIO	NAME				- د د د د د	<del>, , , , , , , , , , , , , , , , , , , </del>	EARS	_			IONTH
		-				<u>Ail aifi</u>	ATHE?							- 3 5 3 3 18 (6.6.T.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ì	N	3.2	1.5										1.5	3.8
Ī	NNE	2.1	. 7	1									2.9	3.3
ĺ	NE	. 4	1.2	1									1.7	4.6
[	ENE	8.	. 4	• 1									1.3	4.2
[	E	1.1	8	1	_								2.2	3.5
[	ESE	- 4	3										. 7	3.5
[	SE	3											3	2.5
	SSE	.1											1	٠
r							1	I		r ———			a -	

N	3.2	1.6	-9		Ì	[	(	ſ		İ		1	7.8
NNE	2.1	7	1									2.9	3.3
NE	. 4	1.2	1									i . 7	4.6
ENE	. €	. 4	.1									1.3	4.2
E	_1.1	8	1									2.2	3.5
ESE	4	3										. 7	3.5
SE	3					I	l						2.5
SSE	1							l				1	ت و د
S	1.1	. 9	7	[		1						دوغا	4 . 5
ssw	2	4	1			1			<u> </u>			1.3	3.€
sw	2	- 4	. 1							1	1	1.3	3.5
wsw	- 1		3				L					7	فوكا
w	1	e.	1					<u> </u>				3	4.7
WNW	5	9	- 4			1		<u> </u>		<u> </u>		1.2	4.5
NW	<u></u>	1.1	1_						<u> </u>			1.2	5.1
NNW	1.5	- 3	. 8				<u> </u>			<u> </u>		3.	4.2
VARBL	- 2	7	<u> </u>	L					<u> </u>		<u> </u>	تما	3.8
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq$	$\searrow$	72.1	
	13.5	10.5	4.0									115.3	1.1

TOTAL NUMBER OF OBSERVATIONS	755

SUBBAL CLIMATOLOGY BRANCH
UNAFETAC
ALP WEATHER SERVIC-/MAC PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 1 2 4 4	STANION AAF KO.	68-70.73-79	2 🖺 2
STATION	STATION NAME	YEARS	MONTH
	<u></u>	L WEATHER	<u> 902-1150</u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 3.9	4.	1.2	1								-9.2	4.2
NNE	2.8	1.5	. 3									4.5	٤ و ز
NE	. 4	1.1				i						1.5	4.1
ENE	• 7	1.5										2.1	4.1
E	. 7	1.1	. 3									2.3	3.9
ESE		•1										1	4.5
SE	5	.1										. 7	2.5
SSE	- 3	4	. 1									. 2	5.2
S	ä		- 4									2.3	4.7
ssw	8	. 7	. 3									1.7	4.5
SW	9	1.5		- 1								2.4	4.3
wsw	- F	- 3	. 1	. 1								1.1	4
w	7.	. 7	. 4	. 4								2.1	6.5
WNW	1.5	2	1.2									4.5	4.5
NW	1.3	3.2	4	1								5.1	4.5
NNW	2.5	2.5	1.3						1			3.4	4.4
VARBL		. 4										1.1	3.5
CALM		$\geq \leq$	$\geq$	$\geq \leq$	$\geq$	$\times$	> <	$\times$	> <	$\sim$	$\times$	52.4	
	18.9	21.7	D 0	. 0								120.3	2.1

TOTAL NUMBER OF OBSERVATIONS 75.3

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLDDY BRANCH BEAFETAC ALY WEATHER SERVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		YEARS	
STATION		_ ALL SEATHER		1200-1400
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
×	3.7	4.5	3.1	. 1								11.3	لمف
NNE	. 5	1.2	- 4									2.2	4.7
NE	.1	1.5										1.0	4.5
ENE	. 3	. 5						L				. 9	4.5
£	.1	- 4											3.5
ESE	.1	1	I									. 2	3
SE	. 3	. 1	11										4.5
SSE		1.	. 4									1.5	5.1
5	1.3	2.4	2.4									5.2	5.7
SSW	1.2	3.4	1.5	1.								5.2	<b>3.5</b>
sw	9	2.2	- 4	1								3.7	5
wsw	1.3	1.5	. 6									3.4	4.7
w	1.6	1.8	1.2	-1	1_							4.7	5 5
WNW	2.3	2.4	2.5	3				L				3.5	عَود ا
NW	4.3	3.1	2.8	.1								15.4	4.9
NNW	2.7	4.8	2.2	- 5								13.3	5 . 6
VARBL	1.2	3	. 2									1.5	3.6
CALM	$\supset <$	$\geq <$	$\supset <$	><		><	><	><	><	><	> <	25.3	
	23.5	31.4	18.3	1.8	- 1							124.1	3.8

TOTAL NUMBER OF OBSERVATIONS 6.7.3	TOTAL NUMBER OF	OBSERVATIONS		67	7 3
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SEIRAL SETRATOLORY PRANCH USBESTAS ATH ATATHIR SERVIC 7MAS PERCENTAGE FREQUENCY OF WIND

#### SURFACE WINDS

## DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STANTON AAF KS		13-79 YEARS	DE C MONTH
		ALL WEATHER		1500+1700 Hours (E.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2		1.1	2								9.7	2.1
NNE	a.ŝ.	1.	5									3	4.7
NE		- 5	• 2									1.2	4.1
ENE	• 5	• 7										1.2	3.6
E	. 2	5	. 7										5.2
ESE	. :												2.5
SE												. ?	4
SSE	. ذه.	7	• 2									1.7	4.2
S	2.3	3.3	1.2									2.5	4.6
ssw		3.3	2.2	. 3								2.7	5.2
SW	1.8	3.2	2.3									7.3	5.4
wsw	2.3	3.2	. E	.2								E S	4.5
w	3.3	3.1	2.3	1.3								7.3	5 a E
WNW	1.3	2.7	2.7	5								7.7	6.2
NW	2.2	2.7	1.3	• 5								3.5	: . 6
NNW	. E	2.5	3.2	. 5								7.2	<b>b</b> . 3
VARBL		2	7									1.7	4.9
CALM	$\searrow$	$\geq <$		><	> <	><	$\times$	> <	><		> <	74.3	
	23.1	35.4	19.3	3.2								125.2	4.1

TOTAL NUMBER OF OBSERVATIONS

AD-A100 251	AIR FORCE ENVIR STANTON AAF, TO MAR BI	MOOU HIS KOK	HNICAL APPLIC EA. REVISED U	ATIONS CENTER NIFORM SUMMAR	ETC F/6 4/2 Y OF SURFAET	
UNCLASSIFIED	USAFETAC/DS-81/	046	SBIE-AD	-E850 074	ML	
2 (1F 4 A0005)						

SEURAE CETMATOESSY BRANCH JEARETAC AIR WEATHER SERVICE/MAC

VARBL

CALM

STATION SAF KO

### SURFACE WINDS

1.2

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

65-73.77-79

STE THAT PAUT ON

TOTAL NUMBER OF OBSERVATIONS

					CON	DITION							
			·- <u>-</u>										
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.2	3.7	1.5										4.5
NNE	1.7	1.1	3		I		L					3.1	3.9
NE	4	1.1	1			Ĺ			<u> </u>			_ ئون _ ا	4.5
ENE	. 5	. 8									_	1.4	4.
ŧ	. 5	-7	-1							L		1.4	3 c
ESE	3	1					L						3.0
SE	. 7	1	L 3.										3.4
SSE	. 4	. 5	. 2									ــــــــــــــــــــــــــــــــــــــ	9 . 5
\$	1.3	1.2	1.1	C								4.2	5.1
ssw	1.3	1.8	9	.1	<u> </u>							4.2	5.1
5W	1.3	1.7	. 6	1_				l				3.5	4.7
wsw	1.2	1.2	4_									2.7	4 7
w	1.3	1.4	. 9	- 4	2.2							3	5.7
WNW	1.5	1.9	1.6	. 2								5.5	5.7
NW	1.9	2.5	1.1	.2								5.5	5
NNW	1.9	2.6	1.8	- 3								0.5	5.4

SESSAL CLIMATOLOGY BRANCH GNAFSTAC Alk ASATHER SERVICE/MAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

USE WITH CAUTION OF THESE PAGE

4 7244 STATION	STANTON ASE NO	63-70-73-53	MONTH
		CLASS	A_L HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.7	2.0	1.3	2								1.2	4 . 7
NNE	1.5	1.7	.7	-1								4.2	4.7
NE		1.4	6	2.								2.9	4.9
ENE	. 3	1.1	. 4	. 2								2.2	4.5
E	7	. 3	2	<b>.</b>								1.7	4 . 5
ESE	. 4	- 4	.1									. 2	4 . 3
SE	• 2	. 2	.1									. 4	4 - 3
SSE	- 4	5	. 3									1.1	3.1
S	1.4	2.3	1.5	-3		• 3						1.5	5.6
SSW	1.4	2.9	2.4	. 3	• 0							7.1	6.3
sw	1.4	3 - 3	3.2	. 7					f			5 ف	5.5
wsw	1.4	2.8	2.3	• 3	. 0							6.3	6.0
w	1.2	2.0	1.1	• 2	- 7							4.5	3.4
WNW	1.2	1.5	- 9	• 1	• 3							3.3	5.2
NW	1.2	1.5	6	1	.3							3.7	5.2
NNW	1.3	2.1	1.3	. 7	- 3							5.1	4.9
VARBL	1.4	- 6	- 3	1	n							2.3	4.2
CALM		$\boxtimes$			$\supset$	$\supset$	$\times$	> <	$\geq$		> <	72.2	
	22.3	28-1	17.0	2-6	- 1	- 2						133.2.	3.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLTMATOLOGY BRANCH USAFETAC A12 Weather Service/Mac

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

USE WITH FAIR TON See TRUE HOUSE

41244	STANTON DAE KO 65-73-73-50	
STATION	STATION NAME YEARS	MONTH
	INSTRUMENT	
	CLASS	HOURS (L.S.T.)
	CIG 200 TO 1400 FT W/ VSRY 1/2 MI DR MORE.	
	AND/OR VSEY 1/7 ID 2-1/2 MI W/CIG FOR FI DE MOR	2 -

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	1.5	5	1								4.4	4 4
NNE	1.3	1.4	- 5									3.2	4.6
NE	6	- 6	. 4		<u> </u>							خعنا	4.8
ENE	. 7	. 7	. 2					<u> </u>		L		1.5	4.1
E	. 7	- 5										1.4	4.0
ESE	3	2	.0					L					3.8
SE	.1	. 1									<u></u>	. 2	3.5
SSE	5	6						L		ļ <u>.</u>	<u> </u>	1.5	المذ
<b>S</b>	2.7	3.3	2.6	6								دعنا	5.6
ssw	2.3	4.4	3.0	. 6					<u></u>			13.4	5.9
sw	1.9	3.3	3.3	. 7.	- 2				<u> </u>	L		۶۰۶	6.2
WSW	لمنا	1.6	1.3	5		Ĺ						4 . 4	6.2
w	- 3	- 5	3_									1.2	5.2
WNW		<u> </u>	2	ļ					<u> </u>	l	<u> </u>	1.5	4.0
N₩	1.1.2											1.07	3.€
NNW	1.4	1.3	. 2		-0		<u> </u>		L			2.7	3.9
VARBL	a ŝ	2	2.									1.3	3.2
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\propto$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	42.9	
	18.5	22.7	13.2	2.6		• a						122.2	3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART D

#### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which to station was meeting or exceeding any given set of minima may be determined from the figure at the intersect. Of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and agree of January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record print to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1940. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING	1		•				VI	HBILITY (SI	ATUTE MI	LESI						
(PEET)	≥ 10	26	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	21%	≥1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
io Calline																
·> 1800												<b>\</b>	$\geq$			$\succeq$
P 1100	_				91.0	 						•				92.6
≥ 1700 ≥ 1000	, '															
≥ +00 ≥ +00																
≥ 700 ≥ 600																
≥ 500 ≥ 400							,			97.4						96.1
≥ 300 ≥ 200					w 1.4					# 34m	Sal an					
≥ 100		-		:	95.4	1.43	96.9			90.3	-				• .	100.0

EXACTLE # 1 Reed coiling values independently of visibility under column at right headed  $\geq 0$ . For instance, from the table: Osiling  $\geq 1500$  feet = 92.6 $\beta$ .

Oblique  $\geq 500$  feet = 98.1 $\beta$ .

EXAMPLE # 2 Read visibilities independently of easilings on bottom line opposite  $\geq 0$ . From the table: Visibility  $\geq 3$  miles = 95.9%.

Visibility  $\geq 1$  mile = 98.3%.

11

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

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#### ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value give: in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visioility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility  $\geq$  1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

SEUPAL CLIMATOLOGY BRANCH USAFETAC Als Weather Service/Mac

## CEILING VERSUS VISIBILITY

STANDON FACTOR AND MOTATE MOTATE

69-70,73-87

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 600-1500 HOURS (LIST)

18. 70							VIS	(B:L)** ST	ATUTE MIL	ES						
/*fE"	≥ .0	≥ 6	≥ 5	≥4	≥ 3	≥ 2 1/.	≥ 7	≥ ; %	≥1%	≥1	≥ ¼	≥ %	≥ 4.	≥ 5/16	≥ '4	≥د
NO 1 EUN/+ ≥ 20000	42.2	43.5 50.0	1	56 • 8 58 • 4	1	(2.1 64.3	52 • 4 54 • 4	53.4 55.7	53.4 65.9	53.7 56.1	53.7 66.3	63.7	54.7 55.5	(4.) (4.)	54.7 56.5	54.5 50.6
≥ 18500 ≥ 5000	43.5	50.3 50.3	57.9 57.3	58.8 55.8	64.4 64.4	54.5	65.7 65.3	66.3 66.3	55.4 55.4	56.7 56.7	66.9 66.9	65.9	57.1 57.1	57.1 67.1	57.1 57.1	57.1 57.1
≥ 14000 ≥ 12000	43.7 43.9	50.4 50.7	50∙1 58∙3	53.9 59.4		64.7 55.1	65.1 65.5	66.4 6 <b>6.</b> 9	56.5 57.3	56.9 57.3	57.J 57.4	57.3 57.4	57.3 57.7	67.3 67.7	67.7	57.3 57.7
3 9000 3 19000	44.5	51.7 51.7	59.3 59.3	63.7 65.7	56.4 <b>5</b> 6.7	66.6 55.9		58.3 58.6	68.4 66.7	68.7 69.0	68.9 69.2	55.9 69.2	59.2 59.5	69.2 59.5	59.2 69.5	69.2 69.5
≥ 9000 ≥ 7000	45.8 45.4	53.2 53.7	61.2 62.1	62.4		69.3 73.6	69.9 71.2	71.2 72.5	71.3 72.6	71.6 72.9	71.3 73.1	71.8 73.1	72.0 73.3	72.5 73.3	72.7 73.3	72.° 73.°
2 6000 2 5000	46.7	54.0 54.6	1	63.8 64.4		71.2 71.9	71.9 72.5	73.1 73.9	73.2 74.1	73.5 74.5	73.5	73.5 74.6	73.9 74.9	73.9	73.7 74.9	
≥ 4500 £ 4000	47.3 48.4	54.8 56.1		64.7 66.1	72•2 73•9	72 <b>.3</b> <b>74.1</b>	73.1 74.3	74.4 76.1	74.5 76.2		- 1	75 • 1 76 • 9	75.4 77.1	75.4 77.1	75.4 77.1	75.4 77.1
≥ 3500 ≥ 3000	49.4 22.9	57.2 62.2		67.6 73.3		76.2 84.0	76.9 86.3	78 • 2 98 • 2	78.4 38.3		79.0 89.2	79.: 39.2	79.3 89.5	79.3 39.5	79.3 39.5	79.3 39.5
± 2500 ± 2000	53 · .	52.4 52.5	72.5 72.9	74.5 75.1	86.5 87.5	96 <b>.9</b> 98 <b>.</b> 0	89.0 90.3	91.2 92.7	91.4 92.5	91.9 93.5	92.2 93.9	92.2 93.9	92.9 94.7	93.2 95.0	93•2 95•3	73.2 75.0
≥ 1800 ≥ 1500	53.0 53.0	52.5 62.5		75 • 1 75 • 1	87.5 87.5	88.0 88.0	90.5 90.9	92.8 93.2	92.9 93.4			94.1 94.7	94 • S 95 • 4	95.1 95.7	95.1 95.7	75.1 95.7
≥ 1200 ≥ 1000	53.	52.5 62.5		75 • 1 75 • 1	87.5 87.6	56.J 86.2	90.9 91.1	93.2 93.4	93.4 93.5	94.2 94.7	94.7 95.1	94.7 95.1	95.4 96.0	95.7 96.3	95.7 96.3	95.7
2 990 2 800	53.5	62.5	72.9 73.5	75 • 1 75 • 6	88.5	88.3 39.0		93.5 94.2	93.7 94.4		95.5 96.5	95.5 96.5	96 • 4 97 • 4	96.7 97.7	96.7 97.7	97.7
≥ 700 ≥ 600	53.5 53.5	63.0 63.0	73.5	75 • 6 75 • 6		89.0 89.0	91.9 91.9	94.2	94.4 94.4	95.7 95.8	96.7 96.3	96.7 96.8	97.6 97.8	97.5 98.1	97.3 99.1	97.8 98.1
± 500 ± 400	3.5د 3.5د	53.0 63.0	73.5 73.5		88.5		91.9 91.9		94.4	95.8		96.8		98.1 98.4	99.4 99.7	98.4 99.0
± 300 ± 200	33.5 33.5	63.0	73.5		88.5		91.9		94.4	96.0		96.E 97.0		98.4 99.J		
. 100	53.5 53.5	63.0		75 • 6 75 • 6				1	94.5 94.5	96.3 96.3	97.0	97.3 97.5		99.0 99.0	99.4 99.7	1

TOTAL NUMBER OF OBSERVATIONS 594

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS SOLITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATT AFATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

4 244

**්** 

STANTON AAF KO

59-77,73-67

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

77335-1172 HOURS (LIST)

"F. ~",		_					VIS	BILTY ST	ATUTE MIL	ES						
1986.7	≥ .c	≥6	≥ 5	≥ 4	≥ 3	≥ 2 ½	≥ 2	≥ ; %	≥1%	≥1	≥ %	≥%	≥ ٧.	≥ 5/16	2 %	≥ შ
NO EUNO ≥ 20000	/3.9	44.1	43.5	51.6				63.0	53.7	63∙:	64.7	54.3	54.2	54.3	54.3	5 4 • 3
	35.0	47.4		55.2		64.5	65.2			55.7	59.1	69.1	33.2	59.1	_	69.3
≥ 18000 ≥ 15000	0 • 6 د	47.5	53.5		63.5	55.0	66.3	68.1	68.4	69.2	69.5	69.5	59.7	59.9	59.9	59.3
	35.4	47.5		55.5	63.5	65.3	66.3		53.4	69.2	69.5	59.5	59.7	69.9		57.5
≥ '4600	36.3	47.5	53.5	55.5	63.5	65.0	56 • 8	58.2	68.5	69.3	69.7	69.7	59.9	73.3	70.0	75.0
≥ .5000	36.2	<u>48.0</u>	54.	56.4	64.6	55.2	58.J	59.5	69.7	70.6	71.0	71.7	71.1	71.2	71.2	71.2
≥ 10000	37.2	49.3	55.5	57.9	66.5	68.2	70.0	71.5	71.9	72.5	73.	73.3	73.1	73.3	73.7	73.7
≥ 9000	37.2	49.5	55.3	58.2	55.9	58.7	77.4	71.9	72.2	73.3	73.4	73.4	7:.5	73.7	73.7	75.7
≥ 8000	38.5	51.6	57.3	60.5	69.3	71.1	73.3	74.6	74.9	75.7	76.1	75.1	76.3	75.4	75.4	75.4
≥ 7000	38.8	52.0	58.2	61.1	70.0	71.8	73.7	75.3	75.6	75.4	76.9	75.9	77.1	77.2	77.2	77.2
≥ 6000	35.8	52.3	55.2	61.1	70.0	71.8	73.7	75.3	75.6	75.4	76.9	75.9	77.1	77.2	77.0	77.0
≥ 5000	39.1	52.2	58.5	61.3	79.7	72.5	74.4	76.3	76.3	77.2	77.7	77.7	77.9	78	73.7	78.3
≥ 4500	37.1	52.2	58.5	61.3	7 . 7	72.5	74.4	76.0	75.3	77.2	77.7	77.7	77.9	78.0	78.0	76.0
± 4000	39.8	53.3	59.7	62.6	72.6	74.4	76.3	77.9	78.2	79.1	79.6	79.0	7 8	79.9	79.3	79.9
≥ 3500	42.3	53.9	60.4	£3.5	74.4	76.4	78.3	79.9	80.2	81.1	51.7	31.7	61.8	32.4	32.1	-2.5
≥ 3006	41.1	56.4	64.3	67.7	79.2	81.8	84.3	85.4	86.8	88.1	89.	99.0	85.1	29.3	89.3	99.3
≥ 2500	41.3	56.7	65.1	55.7	81.0	83.7	86.6	39.0	89.7	91.2	92.1	92.1	92.4	92.5	72.5	92.5
200%	11.5	57.3	65.7	69.2	82.5	85.2	88.2	91.7	91.7	93.2	94.3	94.3	94.7	94.8	94.9	34.8
≥ 800	41.5	57.3	65.7	69.2	82.5				91.7	93.2	94.3	94.3	94.7	94.8	94.5	74.9
: F50U	41.5	57.4	فوذه	69.5			_		92.5	94.0	95.1	95.1	95.5	95.7	95.7	⇒5.7
≥ 1200	41.9	57.4		69.5						94.0		95.1		95.7		75.7
2 000	41.9	57.4	•	_				_		94.8			96.5	96.5		6.0
2000	41.4	57.4				86.	39.3			94.8		95.9		76.5		76.5
2 R(4)	41.5	57.4									96.2	96.2			97.0	97.
≥ 700	41.5	57.4			83.6		89.7				96.5	95.5		97.4	77.4	>7.4
2 600	41.5	57.4			83.6						96.5		97.7	97.8		77.3
<u>2</u> 500	41.5	57.4		70.0	83.6				93.9		96.7	96.7	93.2	98.5	3.5	98.5
> 40C	+1.5	57.4	1	1 1 1 3	83.6				93.8				99.5	98.3	99.2	.9.3
- 30G	41.5	57.4		73.0	83.6				93.4		97.0	97.0	98.6	98.9	99.7	19.6
2 20C	1.5	57.4		_ : - =	83.6							97.3		98.9	59.3	,9.7
106	41.5	57.4							93.8		97.0	97.3		99.1	99.5	
. ~	41.5	57.4					89.B			95.7		97.3		99.1		
	41.03	31.4	66.1	7 U • U	<u>53.0</u>	20.0	07.5	7301	720	7301	7/0.	7160	73.63	7701	7702	<u> </u>

TOTAL NUMBER OF OBSERVATIONS 737

USAF ETAC JULIS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL CLIMATOLOGY BRANCH Grafetac Ale Abather Service/Mac

## CEILING VERSUS VISIBILITY

STANTON SAF 40

69-70,73-50 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TELN.		VISIBICTY STATUTE MILES														
	≥ 13	≥6	≥ 5	≥ 4	≥3	≥ 2 %	2.2	2 ⋅ %	≥1%	≥1	2 4	≥ %	≥ ∨.	≥ 5/16	≥ ¼	≥û
NO CEUNO ≥ 200K	45.4	55.1	, , , ,	59.9 54.2	62.7 57.5	53.5 53.4	5₹.7 68.5	53.9 68.8	53.9 59.5	63.9 68.8	9 9 6 E	54.0 54.0	64.0 59.0	54.0 59.0	54 • 7 69 • 7	*4.
≥ 18000 ≥ 5100	49.1	59.9	67.9	54.6	€ 5 • 5	69.1	59.3	69.6	59.5	59.6	59.7	57.7	5 2 <b>. 7</b>	59.7	57.7	59.7
≥ 14000 ≥ 12000	49.4	59.9 53.1	63.3	54.6 65.1	63.2 59.7	69.1	69.3 59.7	59.6 73.0	69.6 70.1	59.5 73.0	69.7 70.1	59.7 70.1	59.7 73.1	69.7 70.1	69.7 73.1	59.7 70.1
2 2000	49.0 50.1	50.3	63.5 64.7	65.5 67.0	69.1 70.7	71	70.3	72.2	75.5 72.2	71.6 72.2	7:4	77	7:4	73.7	70.7 72.4	72.4
> 800C	50.1	51.5 53.7	65.1 67.5	67.2	73.9	71.9	72.1 75.1	72.4 75.4	72.9	72.4	72.5 75.5	72.5 73.5	75.5	72.5	72.5	72.5
≥ 7000	53.3	65.1	63.9	71.0	75.7	76.7	76.9	77.2	77.2	77.3	77.5	77.5	77.5	75.5 77.5	77.5	75.5 77.5
2 6000 2 5000	53.1 53.1	55.1 55.5	58.8 ⊾59.4	71.0 71.6	75.7	75.7 77.8	76.9 77.9	77.2 75.2	77.2	77.3 75.4	77.5 76.5	77.5	77.5	77.5 د 78.	77.5 75.5	77.5
≥ 4500 ± 4000	53.1 53.4	65.7 66.7	69.5 71.1	71.8 73.3	76.9 79.3	77.9 8.3	78 • 1 8 ) • 4	75.4 80.7	73 • 4 80 • 7	78.7 81.0	78.9 31.2	75.5 91.2	75.8 51.2	78.8 £1.2	73.2	78.5
≥ 3500 ≥ 3000	54.5	67.8	_	74.5	81.2	82.4	32.5	82.6	82.5	83.1	33.3	83.3	b . 3	43.3	33.3	3 • 3
2500 2000	55.1	70.4 73.9	77.	79.4 79.6	85.7	- 1	87.5 90.3	90.6	88.2 91.0	88.7 91.5	91.5	88.3 91.0	\$5. <u>8</u> 91.3	38.8 91.8	91.9	71.5
± 800	55.7 55.7	71.5	77.3	ଟ୍.•3 ୧୦•3	89.7 89.7	93.6 92.6	91.5 91.5	92.5 92.3	93.3	93.5	93.7	93.7	93.9	93.9	74.7	93.9 94.7
2 1500	56.4	71.9	7 • 2	80.7 81.2	89.7 9.1		93.0	93.9	94.3	94.9 95.8	95.1 96.0	95.1 95.3	95.2 96.1	95.2 96.1	95.2 96.1	2 د <del>9</del> ع د 9
2 -006 2 906	56 d	72.4	77.3	91.5	9 4	92.1	73.3	94.8	95.4	96.1	96.3	96.3	96.6	96.6	95.6	75.6
2 BOI:	56.9	72.4	79.0	81.5	90.4 90.4	92.2			95.4 95.7	95.6	96.4	96.4	96.7 97.6	96.7 97.8	96.7 97.9	97.8
± 700 ≥ 600	55.9 56.9	72.4	79.1	°1.9	91.2 91.2	93.0 93.0	94.2	95.8 95.8	96.6 96.6	1	98 • 1 98 • 2	98 • 1 95 • 2	95.5 99.3	98.7	98.7	78.7
± 500 400	56.9 56.9	72.4	79.1 79.1	81.9	91.2 91.2	93.J 93.0	94.2	95.8 95.8	95.6 96.6	97.6 97.6	98.4	98.4 98.5	99.4	99.7 9 <b>9.</b> 9	99.7	99.7
± 300 ± 200	56.9	72.4	79.1	81.9	91.2	93.0 93.0	94.2	95.8	96.5	97.6	98.5	98.5	97.5	1 0.0	133.7	1 3.0
+ 100 2 9	56.9	72.4	79.1	81.9	91.2	93.0	94.2	95.8 95.8	96.6	97.6	98.5 98.5	99.5	99.6		100.0	130.0
- J	55.9	72.4	79.1	81.9	91.2	° 3 • 0	94.2	95.8	95.6	97.0	98.5	95.5	99.6	173.3	100.7	17J•D

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_\_57

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

SLORAL CLIMATOLOLY PRANCH Unafitad Are abather Servic Amad

## CEILING VERSUS VISIBILITY

6--7-,73-8

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7.5 ~ . 7-557s		VIS.B. "Y STATUTE MILES														
	≥ 5	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥1	≥ 4	≥ %	≥ ∨.	≥ 5/16	≥ 4	≥0
NOTE ON	4 . 4	51.2	53.3	63.2	5 € • 3	(5.3	55.3	45.5	55.°	65.5	<b>35.</b> 5	55.5	<b>5</b> 5.5	55.0	, : • °	55.5
4.3700C	58.7	56.6	63.9	59.1	71.4	71.4	71.4		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71
≥ 18000	50.0	65.9	69.2	67.4	71.9	71.9	71.9	72.0	77.0	72.5	72.	72.	72.0	72.1	72.7	72.7
≥ 4.00.	58.9	66.9	59.	69.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.	70.0	72.3	72.0	-:-
≥ '4000	20.0	57.1	59.4	59.6	72•	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.7
2 20°C	59.3	67.3	69.7	69.9	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	77.7	72.7	72.7	7 7
≥ 19000	50.4	59.4	72.3	72.2	75.0	75.0	75.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
₹ 900C	6C.4	69.4	72.0	75.2	75.0	75.0	75.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	01.7	71.5	74.5	74.7	77.5	77.5	77.5	77.5	77.6	77.5	77.5	77.6	17.5	77.5	77.5	77.6
≥ 7000	52.3	72.4	75.3	75.5	77.3	79.3	79.3	79.5	79.5	79.5	79.5	79.6	75.5	79.0	79.5	73.0
0000 ج	52.5	72.5	75.5	75.7	79.4	79.4	79.4	77.8	79.6	79.8	79.8	79.5	72.3	79.5	70.2	79.5
± 500€	·2.7	73.4	76.3	76.5	8 . 3	<u> 53.3</u>	80.3	50.6	30.6	ة أن ق	65.6	25.6	s ~ . 6	-1.5	77.5	40.6
≥ 4500	12.00	73.5	76.5	75.6	87.9	50.9	an.9	81.3	81.3	81.3	81.3	31.2	81.3	41.3	-3 <b>1 • 3</b>	~1.3
± 4000	04.3	76.3	79.3	8 1	84.5	94.5	84.5	84.9	34.9	83.9	54.9	84.9	54.7	54.7	c 4 5	54.9
≥ 3500	35.1	77.3	80.3	91.1	85.9	85.9	86.0	96.5	36.5	36.5	36.5	95.5	86.5	35.3	35.5	± 5 • 5
≥ 3000	⇒5 • 6	79.3	84.5	84.9	97.6	93.6	91.1	91.9	91.9	91.9	91.9	91.9	21.9	91.9	91.9	91.9
2 2500	67.1	å 5 • 1	85.5	95.9	91.9	91.8	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	23.3	73.I
2000	57.6	83.6	85.3	36.5	92.8	92.8	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	57.6	3 5	86.0	85.5	92.8	92.3	93.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	-4.7
d 1500	57.9	83.8	86.2	85.7	93.4	93.4	94.1	95.1	95.1	95.4	95.4	95.4	95.4	75.4	95.4	~ S . 4
≥ 200	57.8	80.8	86.2	45.7	93.4	93.4	94.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ .000	67.d	50.8	85.2	56.7	93.9	93.9	94.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	75.9
906	57.8	90.9	66.2	26.7	94.1	94.2	94.9	95.9	95.9	95.2	96.2	96.2	96.2	96.2	96.2	96 • 2
2 8(4	57.9	80.a	85.2	86.7	94.1	94.2	94.9	96.1	96.1	96.4	96.7	96.7	96.7	96.7	96.7	46.7
<u> </u>	37.8	P 1 • 1		87.2	94.5	74.7	75.4	96.5	96.7	97.2	97.9	97.9	97.9	97.9		
S 900	67.a	31.1		87.2	94.9	95.1	95.7	96.9	97.0	97.5	98.2	98.2	98.2	98.2	98.2	98.2
.: 500	67.9	81.1		27.2				97.0					93.7	78.7	98.7	99.0
2 40C	67.a	31.1	86.7	37.2	95.1	95.2	95.9	97.0	97.2	97.9	98.5	93.5	9 7	98.7	⊊g.7	99.3
± 306	57.9	81.1	80.7	87.2							99.3	99.0		99.7	39.2	39.5
± 200	57.8	81.1	86.7	97.2	95.1	95.2	96.4	97.5	97.7	98.4	99.0	99.0	99.2	99.3	99.5	39.8
- 106	57.8	91.1	36.7	87.2	95.1	95.2	96.4	97.7	97.9	98.5	99.2	99.2	ÿ0.3	49.5	99.7	170.0
÷ 2	57.5	91.1	36.7	87.2	95.1	95.2	96.4	97.7	97.9	98.5	99.2	99.2	99.3	99.5	79.7	100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOPAL CLIMATOLOSY BRANCH Unafetac ATH WEATHER SERVICEZMAD

### CEILING VERSUS VISIBILITY

<u>69-77,73-57</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11.71						-	vis	B : " Y ST	ATUTE MIL	ES						
O EETV	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 7	≥+%	≥1%	≥1	≥ 4	≥ %	≥ ٧.	≥ 5/16	2 4	≥ر
NC 1E3 N + ± 2000€	43.7 45.1	51.8	50.3 60.1	57.5			53.2 57.5		53.3 53.4	64.1 68.7	54.3 55.9	54.3 65.9		14.4 59.	1, W . W	44.4 .3.2
≥ 1800¢ ≥ ±107	46.3 46.3	55.6 55.6	62.5	61.7	65.8	57.4	68.1	55.9	59.	55.3 67.3	69.°	54.5	54.5	39.5 39.5	(0.5 69.5	59.0 59.0
2 14000 2 12000	46.7		6 6	01.9	67.3	57.5 53.3	£ 2 • 3		69.9	69.5	5°.7	69.7 70.4	67.8	59.s	၁၁.၁	45.0 7.5
\$ 8000 \$ 10000	47.5	57.4	67.5	64.1	64.4	71.2 72.4	7".0	71.7	71.5	72.1 72.3	72.3	72.3	7 ? • 4	72.4 72.5	72.4	72.4
≥ 8000 ≥ *000	4.0		64.3	65.4	7 2		73.7	74.5		75.	75.2 75.7	75.0	7 - 3	75.3	75.7	75.3
≥ 6000 ≥ 5000	49.5	60.4	5° • 3	67.5	73.8	74.5	75.3	75.2	75.2	75.0	76.9	75.9	77.0	77.1	77.	77.4
≥ 4500 ± 4000	49.3	51.J	56.5	66.2	74.9	75.7 75.3		7 <b>7.</b> 3		77.9	78.1	7-1-1 81-5	7 • ?	74.7	74.7	75.3
2 3500 2 3006	51.6 53.5	53.3 55.5		71 • 2 75 • 6		8 • D 35 • 7			81.8 38.7				5 5 5 8	92.5 39.8	:2.5 50.8	4.5 80.5
≥ 2500 ≥ 2000	33.3	55.7	74.0	75.7 77.3	84.5	87.7	89.4	90.9	91.3	91.9	92.3	92.3	-	92.7 94.5	99.7 94.5	72.7 74.5
2 800 2 1500	:4.1 :4.2	67.4 57.5	1	?7.3 77.6			90.8 91.4			93.9 94.5		94.3		94 • 7 95 • 5	94.7 95.5	54.7 35.0
2 706 2 006	54.2 54.2	67.7 67.7				1 1			93.9 94.3	94.3 95.3		95.3 95.6	95.6 95.2	95.7 96.3	95.7 95.3	<sup>2</sup> 5•7
: 905 : 804	ુધ • 3 દેધ • 3	57.7 67.8				93.0 93.3			94.4 94.8		96.5	96.3 95.6	96.5 97.2	96.5	96.5 97.3	-6.± -7.3
± 700 ≥ 600	34 • 3	67.8 67.8			89.2 80.3	9J.6	1		95.2 95.3					97.9 98.4		97.9 -5.4
. 500 - 400	54.3 54.3	67.8 67.8	75.3 75.3	78.3	89.3 89.3	9:.7 9J.7	92.8	94.9	95.4 95.4	96.7	97.5	97.6		98 • 7 98 • 9	99.9 99.1	79.3
2 306 2 200	34.3 4.4	67.9 67.9	75.4	78.3 78.3		93.7 93.7	97.9	95.1		96.8	97.8	97.8		99•1 29•3	99.3 59.6	19.6 09.3
• (H)	. ۱۹۰۰ ۱۹۰	57.8		78.3 78.3		90.7 90.7						97.9 97.9	_	99.4	99.5 99.7	49.9 1 <u>13</u> .3

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

DEU-AL CLEMATOLOUY PRANCH Dispetar Al- Realmer Semvic./Pac

## CEILING VERSUS VISIBILITY

- 144 STANTON JAF KO

6 1-70,73-3

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.7	ı I						•15	B. ' - \$"	AT_TE MIL	E5						
0.55.7	2:	≥6	≥5	≥ 4	23	≥2%	≥.	≥ %	≥1%	≥ 1	≥ 4	≥ %	≥ ٧	≥ 5/16	2 4	≥.
THE ELMI	3		5 7 . 7 5 4 . 4			51.7 51.5		:1.7	54.5		51.5 54.5	51 54.t		52. 34.0	1	
2 8000 2 4100	41.6	49.3	54.5	55.6		53.5	54.5	64.5	54.	54.:	54.	54.9		5.5 • 1	5 • 4	- 5 . 4
≥ 14600 ≥ 2000	41.7		54.7	55.5	έ+•∴	÷4 • 1	54.8		55.º	65.4	£5•4	55.4	ວ໌ • ຳ	55.7	5°•3	( 5 . 6
3 0000 3 9000	43.3		5 - 5	57.7	5:•7	57.1	57.2	57.7 58.5	57.7	67.9	67.0	67.3	51.4		2 ÷ • 7	22.4
≥ 8000 ≥ 2000	45.0	54.1 54.9	59.5	63.9	70.0	73.2	71.1	71.6	71.6	72.	72.	7 .	71.2		77.5	7
≥ 6000 ≥ 5000	45.9	55.0	50.9	62.4		72.5	73.4	73.9 74.5	73.4	74.3	74.3	74.3	74.5	74.5	74.3	74.5
≥ 4500 ± 4000	45.1		51.1	52.6	70.3	72.6	73.5	74.5 76.4	74.	74.5	74.5	74.5	74.7	74.7	77.3	75.5
2 3500 2 9000	47.5		63.5	55.4	75.9	75.2	77.3	77.7 35.3	77.7	75.2	73.2	7:02	7 - + 5	7 : • 5		73.8
± 2500 ± 2960	ν <b>0.</b> 9		5 5	79	84.7 85.7	55.2	36.7	97.9	37.5	85.4	सन्• ३	88.9	87.3		39.5 73.4	3000
2 800 2 1500	50.7	51.7 51.8		72.3	ટ્રેદ.•વ	₽7.5	39.5	91.7 93.4	91.7	92.3	92.7	92.7	97.2	93.2	÷3.5	43.6
₹ 200 3 000	50.9	51.3	64.4	72.5	87.9	58.6	91.0	93.5	93.5	94.3	94.7	94.7	95.4	95.4	95.7	75.7
900 2 800	5°•3	51.5	57.9	72.5	88.1	69.0	91.7	94.1 94.9	94.1	94.9	95.7	95.7	96.3	96.3	96.9	≎၁. ಕ
± 700 ± 600	50.9		7 ' • 3 7 ^ • 3		88.3 83.3			94.9 94.9						97.5		
: 500 - 400	۶.0℃ ۶.0℃	62.1 52.1	7 . 3	72.6	83.4	84.5	92.3	95.4 95.5	95.7	96.5	97.5	97.5	93.3	98.5	96	75.0
: 306 - 200	95.9 53.9	62.1 52.1	7 1 • 3	-				95.5 95.5		96.8 96.8			98.5 98.5		99.9	
• 90 • 9	5 • 1 5 1 •	50 62 <b>.1</b>	70.1 73.2					75.5 75.7								94.7 1 J.S

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 547

SECRAL CLIMATOLOSY REAVEN L'AFETAC ATRIATAR SERVICUMAC

## CEILING VERSUS VISIBILITY

STATION STATION NAME

69-70,73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 78. ~ .	į						• (\$	8. 1 51	ATUTE MIL	<b>E</b> 5						
(FEE's	≥ 10	≥ 6	≥ 5	≥ 4	23	≥2%	≥;	≥ . %	≥1%	≥1	≥ 4	≥ %	≥ ″	≥ 5/16	2.4	≥.
NO 1E: N - ≥ 200%	34.7 35.5	45.	47.9 52.4	49.4 53.6	55.7 67.4		1.7.? =2.5		27	55.1 64.3	51.4 54.0	5:.4 54.5	5 ,4 14 0	58.4 24.5	5 t • 4	50.7 24.5
≥ 18000 ≥ 5000	37 • 1 37 • 1	43.3 48.8	[	54.6 54.6	61.2 61.2	52•5 52•5	63.2 53.2		64.7	53.3 65.3	55.3 55.3	55.3 55.2	57.3 55.3	5 5 5	55.3 25.3	5 <b>3 • 5</b> 3 <b>5 • £</b>
≥ 14606 ≥ 12006	37.1	43.9 49.1	53.1 53.5	14.6 55.0	61.2		67.2 64.0	54.5 55.3	64.7 55.4	55.7	55.3	55.3 55.	U 1 . 3 U 2 . 2	55.3 66.3	95.7 35.7	75.0 55.3
≥ 10000 ≥ 19000	37.4 37.6	50.4 50.7	54.4 55.1	50.3 55.6	63.1 63.7	.4.4 55.00	ა5•4 გი•ე	55.3 57.4	57.5	67.2 67.2	67.5 58.1	57.5 61.1	57.5 53.1	67.5 55.1	57.5 23.1	57.5 50.4
≥ 9000 ≥ 7000	38.2 39.0	52.1 53.1	53.3	58.5 59.7	69.9 67.4		63.9 73.7	70.3 72.4	70.4 72.5	73.1	71. 73.4	71.2 73.4	71.7 71.4	71.1 73.5	71.0 73.5	71.3 73.5
2 5000 2 5000	39.1 39.7	53.2 54.3	59.5	61.2	67.9	73.6	71.2 12.2		73.1 74.1	73.7	75.1	74. 75.1	74 7:.1	74.1 75.3	74 • 1 75 • 3	74.4 75.6
≥ 450f ± 400C	39.9 40.9	55.4	6	61.5 62.5	7 . 6	72.6	72.9 74.4	74.4 75.3	75.3	75 • 3 75 • 9	77.5	75 • 7 77 • 5	j	75.9 7 <u>7.5</u>	75.9	
2 350C 2 300C	41.2 +2.5	55.2 58.4	51.5	65.2			32.4	77.8 84.6	55.1		79.3 55.3	79.3 25.3	7 - 3 5 - 5	79.4	77.5 35.3	
- 2506 - 2005	43.2	55.4 53.3		67.8 68.5	<u>81.3</u>	34.1	36.8	39.3	89.9			91.3	91.5	91.5	91.9	
2 800	43.1	60.1		6: 6	67.1	84.3 <u>2.5.0</u>	58.2	91.0	91.5		91.5 93.5	91.5	93.3	94.	97.1 -4.1	· 2 · 4
2 200 2 000	44.	57.1 60.1	67.1	68.8 68.8		55.9	38.5	91.9	93.5		94.4 95.4	94.4			95.T	75.7 76.3
+ 900 ≥ 804.	+4.	5J.1	67.1	69.8 68.9	83.2		39.3 89.7	93.1	93.7	95.3	95.5 96.2			95.8	96.9	₹ <b>7.</b> }
≥ 706 ≥ 600	44.	50.1 50.1	67.1	69 • 8 65 • 8			89.7			95.5	95.3 95.5			97.4	97.2 97.5	
≥ 500 ≥ 400	44.	50.1 50.1	67.1	$\overline{}$				94.3			97.5		97.8	97.4 58.4	58.7	29.1
2 300 2 200	44.	63.1	67.1	68.8 68.8	83.7	96.8	90 • 1 90 • 3			96.8	97.9	97.9	93.5	98.7	_	
2 0	44.0	60 <b>.1</b>		68.8 69.0	83.7 63.8	86.8 25.9	90.3	94.1	95.6 95.7	96.9 96.9	97.9 98.1	98.1 98.2	98.5 98.7	99.	99.1 99.3	1 J. J

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

SCIPAL SEIMATOLOGY RRANCH L'AFETAS A - AFATHIR SERVICE/MAC

## CEILING VERSUS VISIBILITY

A TATA STANTON AAF ACT

59-70,73-0°

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

'F.N.	!						viš	В. • 51	ATJTE MIL	ES					<del></del>	
1955.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	2;	≥ 7.	≥1%	≥1	≥ /₄	≥ %	≥ ٧.	≥5116	2.4	≥.
%7. E.N.√ ± 21000	41.9		51.7 58.1		5 - 3	55.5 55.0				2 (3) 4 (3) 4 (4)	54 . 1 55 . ]	55.1 55.1	54.9	ာင်.~ သဉ်	3/.9 95.0	55.9 25.
≥ 18000 ≥ ±100	47.5		5°•1 5∵•1			67.3 57.3	57.3 57.3	57.3 57.3	67.3 67.3			57.3 67.3			67.7 57.3	
≥ 14600 ≥ 2000	47.7			52.4	67.7	56.5		58.5	55.5	65.5	65.5	67.7 66.5	, ,	57.7 58.5	51.7 65.5	
\$ 8000 \$ 0000	2.0		53.4 64.3	<u>€1,3</u>	77.6	71.5	7°•9	71.5	71.5	71.5	71.5	71.5		71.5	71.5	71.5
≥ 9000 ≥ 2000	50.5	51.7	54.7 56.0	67.3	73.4	75.0	72.6	74.5	74.5	74.8	74.3	74.5	75.1	75.1	75.1	75.1
2 6000 2 5000	52.8		68.2	69.5	75.7	77.1	75.7 77.4	77.4	77.4	77.4	77.4	77.4	77.7	77.7	77.7	77.7
≥ 4500 2 4000	.3.9		69.5	71.1	77.7	79.3	73.4 79.4	79.4	77.4	79.4	79.4	79.4	7 3 . 7	79.7	7 7	79.7
± 1500 ≥ ±000	56.6		75.5	77.4	85.5	57.8	51.8 88.4	68.4	88.4	38.6	55.5	95.5	€ ₫ • 9	99.9		5 . 9
250C 2007	ک و قیا	72.4	77.5	33.9	90.6	91.9	93.1	93.4	y3.4	93.7	93.9	93.9	94.2	94.2	34.2	34.2
2 800 2 1500 2 200	55.4	72.8		31.5		93.9		95.5	95.5	95.9	96.2	96.2	96.5	96.5		90.5
2 006		72.9	87.0	41.5		94.7	95.9 96.2	96.7	96.7	97.3	97.4	97.4	97.9		97.9	
2 800 2 700	58.4 58.4 58.4	72.9	8	έ <b>1.5</b>	92.5	≎5.2		97.2	97.2	97.5	97.9	97.9	98.3	98.3	<i>3</i> 9€?	38.3
2 600	56.4 56.4	72.3	80.0	82.0	92.7	95.7 95.7	97.2	98.0		98.3	93.5 98.7 99.3		99.3	99.3		69.3
- 400 - 300	55 · 4	72.9	87.1	62.0	92.7		97.4	98.3		95.7	99.		99.7 99.8	-	-	
20C	58.4 58.4	72.9	87.0	.82.0	92.7	- 1	97.4	98.3	98.3		99.7	99.5	-	123.3	100.0	1 0.0
: v			8 '	1 - 1			97.4									

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 576

SUBRAL CLIMATOLDBY HRANCH USAFETAC ALY WEATHER SCRVICE/MAC

### CEILING VERSUS VISIBILITY

STANTON STATION NAME

69-76,73-ch

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

rev. No							٧٢S	B . TV STA	ATUTE MIL	ES						
/+EE's	₹.0	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥.7	≥1%	≥ '	≥ 4	≥ %	27	≥5/16	2 4	≥د
NO 1€ UNG ≥ 20000	49.7	55.6 62.1	56.1 63.7	50.6	53.7 66.8	50 <b>.7</b>	59 <b>.7</b>		55.1	5 7 	oê•7 56•≟	5 4 . 7 6 5 . E	5 : • 7 5 5 • 5	58.7	57 55.8	50.7 50.2
≥ 18000 ≥ 16100	55 • 35 • 3	53.3 63.3	64.7 64.7	65.4 65.4	6° • 3	63.3 63.3	5≘ • 3 5∂ • 3	€ 8 • 3 ÷ ε • 3	60.3 69.3	54.3 68.3	ეშ.7 ენ.?	53	5 • 3 5 • 3		23 € 7 34 € 7	
≥ 14000 ≥ 12000	55.7	63.7 64.4	65.3 56.5	65.3 67.0	63.6 65.8	63.6 69.8	58.6 69.8	58.5	59.8 59.8	60 • 1 69 • 6	5 P • ±	59.5 59.5	53 • 6 69 • 3	58.6 59.3	59.5 59.8	55.6 59.5
2 10000 2 9000	-H.U	67.U	69.7 71.1	73.2 71.5	73.4 74.8	73.4 74.3	73.4 74.8		7:•5	73.5 75.0	73.7 75.1	73.7 75.1	77.7 77.1	73.7 75.1	73.7 75.1	73.7 75.1
2 9000 2 79X	±3.4 2.4	59.5 7.1	72.3 75.5	72.8 75.0	75.7 80.2	75.7 50.2	75.9		77.1 91.8	77.1 83.5	77.2 30.5	77.2 83.3	77.2 5.8	77.2	77.3 80.3	77.7
₹ <b>5</b> 000 ± 5000	52 • 3 32 • 6	72.3	75 • 7 76 • 5	76.4 77.2	87.6 81.5		87.8 31.7	41.3 31.8	31.5 31.5	81.5 81.3	37.1 37.2	81.1 32.3	51.1 52.3	31.1 22.	-1.1	91.1 92.0
t 450f t 4006	.3.9	73.5 75.7	78.3	77.6 79.0	83.4	91.8 93.4	_33.5	94.3	32.7 84.1	54.J	92.4 54.1	32.4 44.1	27.4 24.1	32.4 54.1	>2•4 54•1	°2•4 24•1
± 1500 ₹ 1000	:4 • 3	76.2 79.5	79.7 84.1	8.∵∙6 25•0		95.3 93.3	65•2 90•5	90.8	95.5 90.8	95.5 95.3	65.7 91.7	95.7 91.1	55.7 91.0	35.7 21.3	91.5	*5.7 -1.3
± 2500 + 2007	57.5	97.4 32.2	86.8	86 • 1 89 • 0	91.4 94.0	94.4	94.7	92 • 1 95 • 1	92.1 95.1	92.1 95.6		95.8		92.€ 95.€	95.3	52.2 95.5
2 800 2 1500	57.5	-2.2 52.2	86.9	83.0 98.0	94.4	94.7	94.9 95.1	95.6	95.2 95.6	96.3	96.5	95.9	95.5	<del>76.5</del>	95.9	90.5
2 200	57.9	92.2 82.2	86.3	89.0 85.2	95.1	95.4	95.6	97.4	96.6	99.2	78.5	97.7 93.5	93.8		97.7 95.9	97.7
* 950 * 804	57.5 57.5	52.2 92.2	85.7	53.2	95.2	95.6	96.5	¢7.5	97.5 97.7	98.4	98.8	98.5	93.9	98.3 98.9		92.9
2 6X	57.5 57.5	32.2		89.2	95.2	95.6	96.8	97.9	97.9 98.1	98.8	99.3	98.9	99.6	99.0		
2 306	57.9 67.9	92.2	86.9	98.2 88.2	95.2	95.9 95.9	96.8 96.8 97.0	97.9	98.1 98.1	98.5 98.5 98.9	99.3	99.5 99.5	19.6	99.5	99.5	79.5
2 20C	67.	32 • 2 82 • 2	86.9 85.9	88.2 88.2	95.2	95.9 95.9		98.2	98.2 98.4 98.4	99.1		99.3		130.0	1.3.3	1,7.2
. 0	υ7.5	82.2		38.2					98.4				137.3		133.7	173.3

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 5 5 ?

SETHAL CLIMATOLOGY RPANCH CTAFLITAC AT WEATHER SERVICEMENT

## CEILING VERSUS VISIBILITY

5y-70,73-30

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11.							viS	-B L *+ - 51	ATUTE MIL	ES						
1+56.	2 1	≥ 6	2:	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥1	≥ 4	≥ %	≥ ∨	≥ 5/16	2 %	ت≲
NE € 1N - 2 2000€	44.0	47.J	51 55. :	57.9		1 1	50.5 54.5		5°.4	53.9 65.1		50.7 55.2	5 2	59. 55.2	59.1	34.2
≥ 18000 3 A+V	44.	£4.1	57.0	5:•9	64.7	£5.3	55.7	55.1	55.2	66.3	56.4	65.4	54.4	56.4	55.5	56.E
≥ 14000 ≥ 2000	44.3	54.3		59.1	6°•3	, ,	35.9	55 • 4	55.4	55.5	56.t	65.4 55.6	05.4 05.7	56.7	55.9	56.5
- '/(d)F	46.4	56.5		59.7 61.3	65.5 57.9		69.1	57.1 59.5	67.5		67.4 69.9	57.8		57.4 59.5		57.6.
2 9000 2 8000	47.1	57.3 58.5		62.6 64.2		59.3 71.5		72.7	72.4			73.5		73.1		
2 *000 2 <b>6</b> 000	49.0 49.2	63.3			72.9	73.7 74.3			75.2 75.7			75.5 76.1		75.7 76.3	75.8	75.5
≥ 5000 ≥ 4500	49.7	61.1 61.4	65.7 56.2			75.2 75.5			75.5	75.9	77.1		77.2	77.2 77.7	77.3	77.4
1 4000 2 3500	1 1 2	63.4	67.5	6έ.9	76.3	77.2	78 - 1 79 - 9	78.7	78 8 30 6	79.1	79.3	77.3	7/.4		79.5	79.6
2 3000	3.3	57.4	72.5		93.7	35.1	36.3	37.2	37.4	37.7	88.5	98.0	ςē.3	48.4	23.5	58.5
2 200%	54.5	68.4	75.	76.3	87.6	89.2	58.4 97.3	92.2	89.6 92.3	92.9	93.3		93.5	93.5	73.7	33e i
2 80C 2 150C	54.5	63.6 68.6			88.4	90.2	91.1	93.8		94.5	93.7 95.2	93.7 95.2			94.1 35.5	
2 (200)	54.6 54.0	58.7 55.7		77.3 77.3	- 1	91.0	92.6		94.6 95.3		95.9 96.5	95.9 95.5		96.2 97.3		
900 2 800	54.6 54.6	59.7 58.7	75.4	77.3 77.4	89•2 89•4	91.1 91.4	93.2 93.6		95.4 96.0			96.8		97.2 97.5		
2 60€ 2 60€	34 • 6 ∮4 • 6	53.7 68.7	75.5 75.5	77.4 77.4			93.7	95.8 95.9	96.2			97.7		98.2		
	:4 .6 54 .6	63.7	75.5	77.4	89.7		24.3		96.7	97.5	98.2	98.3	93.3	98.9	99.3	59 · 1
: 300 : 200	54.6	68.7	75.5 75.5	77.4	89.7		94.3	96.4	96.9	97.7		95.6	99.1	99.2	99.4	79.5
106	4 . 6	53.7	75.5	77.4	89.8	91.8	94.1	96.4	97.	97.8		98.7	99.2	99.3	+9.5	29.5

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 2500

GEORAE CETMATOLOGY BRANCH DIAFETAC AIN WEATHER SERVICEZMAC

### CEILING VERSUS VISIBILITY

TANTON ZAS KO

55-77,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

*E.~•							v15	BUTY ST	ATUTE MIL	ES						
PEET	≥ :	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥1	≥ 4	≥ %	≥ %.	≥ 5/16	≥ 4	≥:
NO EUNO ≥ 20000	35.7	43.7 49.1	48.5 54.5	- 1		56.5 55.0	57.3 65.3	i I	57.2 56.7	59.4 67.3	59.4 57.0	59.5 67.1	57.7 57.7		59.9 57.7	5 - 0 1 27 - 9
≥ -8000 ≥ 3000	77.8 37.8	50.3 50.3	55.7 55.7	57.5 57.5		55.3 55.3	55.5 55.5			65.6 65.5		63.7 58.7			59.3 59.3	59.5 59.5
≥ 14600 ≥ 12000	37.8 28.3	51.3 50.9	55.9 55.5	58.1	64.7 65.3	65.3 65.9	56.5 67.1	57.9 58.4		5 4 • 5 5 9 • 2		58.7 50.3				59.5 7
≥ 1900¢ ≥ 900¢	43.3 40.8	53.5 54.2	57.4 60.4	61.4 62.0	66	59.2 73.3		71.3 72.9		72.5 73.6	72.5	72.5 73.8		73.2 74.5	72.2 74.5	
≥ 8000 ≥ 7000	41.9	55.8 56.5	62 • 5 63 • 8	64 • 3 95 • 6		73.2		75.8 77.5					77.4		77.4 79.3	
≥ 6000 ≥ 5000	42.8	56.9 57.3	64.3	66.1	74.8	75.4 75.9	i -	79.1 78.7		1	79.5 79.5	79.1 79.7	ı	79.8 30.4	79.3 60.4	
≥ 4506 ± 4006	42.9	57.5 5c.5	54 • 8 56 •	66.9 63.0	75.5 77.4			76.8 90.7			79.7 81.3	79.8 82.0	50.5	-	20.5 97.7	
≥ 3500 ≥ 3000	44.5	5°.2		6°.9		79.3 93.4	1			23.1 87.5	63.1 37.6	93.3 87.8		84.0 98.	54.0 59.5	
≥ 2500 ≥ 2000	45 - 8 45 - 8	51.7 51.7	70.2 70.2	72.5 72.6		84.9 45.2	86.3	1 1	87.9 88.5	89.2 99.5	89.7 89.8	89.3 89.9			92 <b>.1</b> 92 <b>.5</b>	
≥ 1800 ≥ 1500	13 15 41 40 41 44	61.3 62.4	7 7 • 3 7 7 • 9	72.8	1	85.3 86.7		1	88.6 90.2				90.8 92.4		97.0 92.5	
≥ 1200 ± 1000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	62.7 62.7	71.3	73.8 73.8		97.3 27.3	38 <b>.7</b> 89.6				92.4 93.8	92.5 <b>94.1</b>	93.2 94.8		93.4 95.4	
2 90€ 2 80€	45.4	62 <b>.</b> 7	71.3 72.3	]		57.3 85.0	89.6 90.3				93.9 95.2		_		9°.5	
≥ 700 ≥ 600	45.8	52.7 62.7	72.3 72.2	74.5 74.6	1	88.0 88.3	90.3 97.6		93.4		95.8	95.8 96.3	96.8 97.4		97.5 98.3	
≥ 500 → 400	45.8 45.8	52.7 62.7	72.2	1		55.5	90.8		93.4	95.0	96.0	96.4 96.4	97.3	98.3 98.4	98.5 98.7	99.1
2 300 2 200	46.8	52.7 62.7	72.3 72.3	74.8	37.2	98.5 98.5	90.8	93.1	93.5 93.5	95.0	96.3					99.9
÷ 100	46.6	52.7 52.7	72.3	74.8		88.5 88.5			93.5 93.5			96.4 96.4	98.J 98.J			100.5 100.5

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 594

SECRAL CLIMATOLOGY BRANCH Graffiac AL- AEATHIL SERVICEMMAL

### CEILING VERSUS VISIBILITY

STANTON AAF K.

6:+7",73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16.87							¥15	B . ** ST	ATUTE MIL	E S						
(FEET)	₹¢	≥6	≥ 5	≥ 4	≥3	≥2%	≥ ;	≥ - ½	≥1%	≥,	≥ 4	≥%	≥ ∨	≥ 5/16	<u> </u>	≥ر
%5 Eat%6 ≥ 20000	34 39 . 5	43.0	46.2 56.3	44.0 57.8	53.5 62.9		54 • 1 53 • 7	54.5	54.7	54.5	54.7 69.7	55.1	54.8 54.8	54.6	64.0	5 • 1 5 4 • 8
≥ 18000 ≥ 6000	41.4	52.8 52.8	50.3	6 8	65.3	55.7	67.1 57.1	57.7 57.7	67.8	57.9 57.9	55.1 66.1	5:.2	6 2 5 2	58.2 58.2	59.2 65.2	55.2 55.2
≥ 14000 ≥ 12000	+1.5	52.9	59.9	67.5	65.6	67.0	67.4 58.5	57.9 59.3	58.1 69.1	56.2 59.3	55.3 59.4	5±.5 69.5	63.5	68.5	59.5	53.E
≥ 9000° ≥ 9000°	43.7	55.9 56.3		64.3	70.4		71.7 72.1	72.3 72.7	72.4	72.5	72.7 73.1	72.8 73.2	72.5 73.2	72.8 73.2	72.8 73.2	72.8
≥ 8000 ≥ 7900	45.6 45.1		67.J	59.5		76.3		77.7 75.9	77.º	77.9 79.2	78 • 1 79 • 3	78.2 79.4	75.2 79.4	78 • 2 79 • 4	73.2 79.4	76.2 79.4
≥ 6000 ≥ 5000	45.5		69.2	69.8	77.1		73.9 79.7	79.7 80.5	79.5	87.0 82.3	85.1 60.9	91.1	31.2 81.1	30.2 51.1	An.2	40.2 31.1
≥ 4500 ± 4000	47.4	63.2	58.7 59.7	73.5 71.4			79.7	20.5 91.9	50 5 82.0	80.8 82.1	80.9 82.3	81.1 82.4	51.1 52.4	21.1 32.4	51.1 32.4	° 1 • 1 5 2 • 4
≥ 3500 ≥ 3000	47.5	51.3 63.5		72.8 75.4			82.5 85.9	83.4 86.7	93.5 86.9	83.6 37.J	87.3 87.1	93.9	53.9 87.3	83.9 87.3	93.7 57.	93.9
≥ 2500 ≥ 2900	49.4	64.4 64.4		76.5 7 <b>7.3</b>	35.7 86.5			89.4	58.6 39.9	98.9 90.3	89.7 90.4	39.2 90.5	ຍາ•2 93•5	_	89.2 90.5	89.2 77.5
≥ 1800 ≥ 1500	49.5	54.5 65.1		77.4 77.9				-	93.U 93.9	90.4 91.3	90.5 91.5	95.7 91.7		93.7 92.0	92.7 92.2	90.3 92.2
≥ 1200 ≥ .000	49.9	65.2 65.2	1	7f • 2 78 • 3			90.5	91.7 92.7	92.3 93.2	92.7 93.6	92.8 93.8			93.6 94.5	93.5	93.9 94.7
± 900 ± 800	49.9	65.2 65.2		78.3 78.3		39.7 59.7			93.6 93.6	94 • 2 94 • 2	94.3	94.7		95 • 1 95 • 3	95.1 95.3	75.3 95.4
≥ 700 ≥ 600	49.9 50.2	65.2 65.5		78.3 78.6			91.7 92.0	93.5 93.8		94.6		95.4 95.8		96 • 1 96 • 5	95.1 96.5	96.2 96.6
≥ 500 ≥ 400	50.2 30.2	55.5 55.5	1								95.7 95.8	96.3 96.6	97.3	97.5	97.7 98.0	97.4 90.2
2 300 2 200	50.2 50.2	55.5 65.5	1			90.4 90.4				95.5 95.5			] * ' • ' ]	98.2 98.4	38°6	79.7
> 100 2 0	50.2 50.2		1	78.6 78.6		90.4 90.4			94.9					98.5 98.5		170.0 1,5.5

739 TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

GEORAE CEIMATOEODY BRANCH USAFETAC ATR AEATHER SERVICE/MAD

## CEILING VERSUS VISIBILITY

STANTON SAF KO

68-73,73-79

U A □

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17 7-14 12 HOURS (U.S.Y.)

TELVE							viS	B. "* \$1	ATUTE MIL	£5		-				
(=56.)	≥	≥ 6	≥ 5	≥ 4	≥3	≥ 7 %	2.7	2 %	21%	ا≤	≥ 4	≥%	≥ 7	≥ 5/16	2 4	≥ د
NO CEUNO ≥ 2000€	44.5 51.4	50 s	1	54.5 54.3	• • -		36.5 36.5		55.7 66.9	55.9 55.9	56.9 56.9	56.9 56.9	5:.9 25.9	55.9 66.9	55.9 56.9	
≥ -8005 ≥ 6007	⇒2.4 52.4	60.9	65.5 65.5	65.8 65.8	67.6 67.6				5 2 . S	63.3 68.3	55.7 55.7	68.3 68.3		1 1	ο <sup>α</sup> • ₹ 5#• ₹	
≥ 14000 3 2000	52.3 53.2	61.3 52.3	1	56.3 65.0	63.2 73.2	55.3 71.3				56.9 71.3	62.9 71.	55.9 71.0	05.9 71.3	68.9 71.2	68.9 71.3	55.9 71.0
± 000€ ₹ 900€	54.5 54.6	64.5	1 1	70 • 3		_		73.5			77.9 74.5				73.9	73.9 74.6
≥ 9000 ≥ 1000	55.9 57.3	68.J	73.3	74.5 75.J	77.2 78.0	77.5 78.3			78 • 2 79 • 0	78.2 79.0		73.2	7:.2	75.2 79.0	79.2 79.3	75.2
2 6000 2 5000	57.3 57.1	58.5 59.2	74.3	75.7	78.0 78.7		79.5 79.3	78.7 79.5	-	79.3 79.7	79.7 79.7		79.0 75.7	79.3 79.7	79.7 79.7	79.3
± 4500 ± 4000	57.9 55.2	59.2	1	75.7 76.2	78.9 79.3	79.2 79.6		79.6 80.0	79.9 a0.3		79.9 80.3				79.3	79.9
± 3500 ≥ 3006	59.8 01.4	71.3 75.6	1 .	77.6 82.6			-		81.9 88.7		31.9 89.7		#1.9 39.7	51.7 88.7	51.9 58.7	91.9 98.7
± 2500 ± 2005	62.3 53.8	75.6		95.4	37.9 95.5				90.4 93.3	90.4 93.3	95.4 93.3		9 .6 93.4	90.5 93.4	-	93.4 93.4
2 800 2 500	53.9 54.1	77.7	34.7	95.6 85.7	9 1 • 4 9 : • 7		92.9 93.3			93.7 94.3	,		93.9	93.9 94.7	93.9	93.9
2 296 2 006	54.1 54.2	73.2 79.5	1	₽6•2 55•4					95.3 96.6		95.7 97.1	95.7 97.1	95.9 97.3	95.9 97.3	95.9 97.3	95.9 97.3
÷ 900 ≥ 800	54.2	78.5 78.5	85.5 85.5	#6.4 #6.4		94.3		96.3 97.3	96.7 97.4			97.3 98.0	97.4 93.1	97.4 95.1	97.4 98.1	97.4
± 700 ≥ 600	54.2 54.3	76.5 78.6	85.5 85.7	85.4 85.6		95.0 95.1	96.4 96.7	97.3 97.7		98.3 98.4		98.6 99.0		45.9	78.9 99.3	98.9 99.3
± 500 → 400	54.3 64.3	79.5 79.5		95 • 6 85 • 6		95.1 95.1	96.7 95.7			98.4 98.4		99.0 99.0	99.6 99.9	99.5 99.9	99.5 99.9	
± 300 ± 300	54 • I	78.6	1 1	86.6 86.6		95 <b>.3</b> 95 <b>.3</b>	96.9 96.9			98.6 98.6		99.1 99.1		18 <b>0.</b> 0 180.9	100.5	130.0
96	54. 54.	78.6 78.6	1	85.6 86.6	93.3 93.3	95.3 95.3		97.9 97.9		98.6 98.6			-		160.5 160.5	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_731

DEDARE CLIMATOLOGY BRANCH DEARETED Ale Weather Servic./MAC

## CEILING VERSUS VISIBILITY

STANTON AAF KI

65-7",73-19

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

'E. N.							•15	B. ** ST	ATUTE MIL	ES						
11.EE.P	≥ 1	≥ 6	≥ 5	≥ 4	≥ 3	22%	≥ ;	≥ "	≥1%	≥,	≥ 4	≥ %	≥ 4	≥ 5/16	2 4	≥.
NO EUNI 3 2000L	44.1	49.7	50.2	-0.2	r 1 • 2	52.4	5.7.4	5.2.5	52.5	52.5	7,2.5	F. 2 • f	52.5	5?∙5	-0.5	52.5
2 2 HAR	_3.2	51.9	63.3	63.8	64.7	55.9	65.9	56.1	66.1	66.1	66.1	55.1	50.1	66.1	55.1	16.1
≥ 18000 > 4569	- ₹4.4	54.3	50.1	66.1	67.7	6=.3	⇒÷ • 3	55.4	€8.4	50.4	58.4	61.4	o~ • 4	68.4	. 5.4	: 4
	4 . 4	54.4	55.3	66.3	67.2	4.004	60.4	55.5	69.5	65.6	58.5	53.6	33.5	59.5	05.5	58.5
≥ '4000	54.5	64.7	65.5	66.6	57.5	55.7	59.7	53.9	58.9	55.9	68.7	5∃.9	£4.9	68.9	54.9	55.5
2 7000	55.0	55.2	67.	67.0	63.0	6502	59.2	59.3	69.3	59.3	69.3	69.3	59.3	59.3	39.3	29.
≥ 200€	55.4	67.3	60.9	69	64.0	71.3	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
\$ 9500	57.	67.8	69.5	65.6	75	71.3	71.3	72.0	72.3	72.3	72.0	72.0	72.3	72	72.2	72.
≥ 8000	58 • 6	73.0	72.3	72.3	74.7	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.
2 7000	59.3	76.9	77.2	73.2	7:07	72.3	76.3	76.4	75.4	75.4	76.4	76.4	75.4	76.4	75.4	700
2 600C	59.5	71.7	73.5	73.7	75.7	75.9	76.9	77.	77.0	77.5	77.3	77.3	77.3	77.3	77.3	77.0
.: 500t	59.5	71.3	73.3	74.0	76.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	27.5	77.5	77.5
: 4500	F9.6	71.3	73.8	74.3	75.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.3	77.5	?7.5
± 4000.	59.3	71.5	74.1	74.3	76.9	73.1	78.1	78.3	78.3	78.3	75.3	73.3	74.3	78.3	78.3	78.
1500	:1.1	73.3	76.3	76.1	78.7	80.0	80.0	90.1	37.1	80.1	5 . 1	91.1	5 • 1	30.1	30.1	23.1
7 1000	05.0	78.7	81.7	81.8	85.4	36.6	86.6	85.7	<b>36.7</b>	30.7	36.7	90.7	35.7	36.7	55.7	35.
250C	57.5	82.0	85.2	25.5	90.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	71.5
2005	65.3	33.8	97.4	37.7	92.4	53.8	93.8	94.0	94.3	94.1	94.1	94.1	94.1	94.1	94.1	94.
.≥ 80¢	\$5.3	83.8	87.4	37.7	92.4	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	74.
- 140K	55.7	94.3	53.1	<u>86.3</u>	93.2	.4.5	94.6	94.8	94.5	95.4	95.4	95.4	95.4	95.4	95.4	25.4
≥ 20C	5. £ . 9	84.4	g a . 1	88.4	07.5	94.9	94.9	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	75.
906	58.3	34.4	89.1	. 88.44	93.7	95.2	95.2	95.4	95.7	96.1	96.1	96.1	96.03	96.3	96.3	900
900	59.0	24.5	83.3	98.6	97.R	95.4	95.4	95.5	95.8	96.3	96.3	96.3	96.5	96.5	96.5	75.
2 R(4)	59.2	24.9	88.3	39.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	95.0	98.7	و ۾و	96.0
: 100	69.2	34.9	58.3	39.2	94.9	96.8	96.9	97.2	97.5	98.3	98.3	98.5	98.8	98.8	99.8	95.6
2 600	59.2	84.9	88.8	89.2	94.9	96.8	96.8	97.2	97.5	98.3	98.3	98.5	98.8	78.5	98.8	93.8
2 500	59.2	54.9	88.9	29.2	95.4		97.5		98.3	99.1	99.1	99.2	99.5	99.5	99.5	77.9
* 40C	69.2	34.9	89.3	89.2	95.4			98.0	98.3	99.1	99.1	99.2	99.7	99.7	-	39.
± 300	59.3	35.1	88.9	99.4	95.5	97.7	97.7	98.2	98.5	99.2		99.4	99.8	99.8	90.9	99.5
2 200	69.3	85.1	89.1	89.5	95.7			98.3			99.4	99.5		150.J	100.0	133.0
- 100	59.	95.1	89.1	89.5	95.7			98.3		99.4	99.4				135.7	
: 0	69.3	85.1	89.1	89.5	95.7		· •	98.3				-	1		100.0	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

SCURAC CUIMATOLOGY BRANCH U AFÉTAC Alh Weather Service/Mac

## CEILING VERSUS VISIBILITY

4 244 STRATON NAF KO

63-70,73-79

See Fire FAUE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VIS	B : ** ST	ATUTE MILI	ES.						
/*ff")	2 :	≥ 6	2.5	≥ 4	≥ 3	≥2%	≥ ;	≥ %	≥1%	≥1	≥ 4	≥ %	≥ ″	≥ 5/16	<u> </u>	≥ 0
NO E.N.	45.0	46.5 55.1	50.3 50.8	50.8 60.8	54.3		55•?	55.7 55.7		55.9	56. 56.2	55 • 1 55 • 2	5. •?	56 • . 65 • 4	25.°	4 y • ? 4 ÷ • y
≥ 18000 > ±100	45.3	56.9 56.9		52.5 62.5	66.4 56.4	57.0	67.4	£5.0 68.0	53 • 1 53 • 2	68.3 50.3	58.3 58.4	63.4 68.5	5 • 5 5 ÷ 5	58.5 58.5	55.5 28.5	50.5
≥ 14000 ≥ 2000	46.5	57.1 55.3		52.7 63.7	6(.7 57.7		•	58.3 59.4	38.5 69.5	58.6 59.7	69.7 59.7	58.7 69.3	63.9	58.9. 72.3	5 f . 9	5: • 9. 7 • 1
± 9900 ₹ 9900	48.9	60.1 60.5		46.2 65.7		71.1	71.7	72.2 73.0	72.4 73.1	72.5 73.3	72.4 72.3	72.7 72.4	72.3 73.6	72.5	72.5 73.5	7. 6.5
≥ 8000 ≥ 7000	50.6 51.1	62.9 53.5	1	69.8 70.7			76 • 1 77 • 4		75.9 78.1	77.	77.1 72.3	77.1 7:.4	77.3 75.5	76.5	77.3 79.5	77.4 75.6
≥ 6000 ≥ 5000	51.3	63.9 54.4	1	71.1 71.7					78.6 79.2	78.8 79.4	3	78.9 79.6	79.1 77.7	79.1 79.7	79.1 79.7	73.1
≥ 4500 ± 4000	51.7 52.0	64.4 65.0	1 '7	71.7 72.4	77.1 78.2		79.5 79.7			7،5 7،5	79.5 55.7	79.5	77.8	79.4	77.2	77
≥ 3500 ≥ 3000	52.6 55.1	56.2 69.5		73.8 77.7			86.4	87.0		92.2	87.3 57.5	82.4	57.8	54.5 17.5	->.r -7.9	= 2 • ± = 1 • 7
2 2500 2006	56.1 55.5		79.2			89.5		91.1	91.3	89.9 91.8	90.0 91.5	90.1	91.3	90.3 9 <u>2.1</u>	92.1	
2 150C	ამ.ნ აქ.ნ	72.1	79.7		89.1	9 5			92.5	92.3	92.3 93.2	92.1	97.3 93.5	93.5	42. t	ه د د د م 7 و د د
≥ 1200 ≥ 1000	57.1 57.2	72.3 72.4	87.1 80.2	31.5		91.5		93.0 94.0	94.4	~	94.1		94.5 95.7	94.6	94.5 95.0	34.7 35.9
÷ 800 ≥ 800	57.2 57.2	72.4	80.7 80.5			92.2			95.2	95.2 95.9					96.1 97.1	27.1
≥ 700 ≥ 600	57.3 57.3	72.5				92.5			95.5 95.8	96.3 96.6	97.0	97.0 97.3		90.1	97.3 94.7	15.2
≥ 500 ≥ 400	57.3 57.3	72.6		87.1		92.8	94.2	95.6	96.0	96.8 96.8	97.4	97.7	99.4 98.5	98.5	99.7	39.2
÷ 300	57.4		8 `• 7 8 0 • 7	82.2					95.2	97.1		98.3	9: 9	79.1	79.4	79.6
. 06	57.4 57.4		80.7 80.7	82 <b>.</b> 2			94.3		96.3	97.1 97.1	97.7	98.1	99.7 99.7	39.2	39.5 59.5	100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ . 183

USITEAL CLIMATOLOGY BRANCH SISTETAC ATY ASATHER SPRVICEZMAC

## CEILING VERSUS VISIBILITY

60-77,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							vis	·B . * × 5 * 4	ATUTE MIL	ES.						
1566.4	≥ 10	≥ 6	≥ 5	≥ 4	≥3	≥2%	2.7	≥ - ½	≥1%	≥1	≥ 4	≥ %	≥ 4.	≥ 5/16	2 4	ن≤≤
#1 E:N - 2 2000L	54 • 1	4 . 6	45.9 51.4		52.3 59.1			55.4			55.7 63.1			55.9		53.9
를 <b>8</b> 0000 건 5년세	35.5 36.5	45.9	5:•	- 3 - 3	6 . 7	51.1	52.7	63.3	3 • 3 د	63.7	63.7 64.3	53.7	53.7		63.3	54.0
2 14000 2 2000	35.6		57.1	53.4	53.9	51.3	52.0		53.7	54.1		54.1	54.1		34 e 7	54.4
5 13000 5 9000	39.6	49.1 50.0	5 % . 4	57.0		65.4	67.0	58.1	ນາ.′ ລ9.1	69.4	50.4	5c • 4	5 4	55.5 59.5	65.6	53.7
2 8000 2 7000	41.3 42.3	52.0		€3•0	67.3	58.7	70.3	71.4	71.4			71.9	71.9	72	72.7	72.1
> 6000 : 5000	42.6 42.6		62.3 62.3	£3.7	71.3	72.9	74.4	75.6	75.6	76.0	75.7	75.0	75.0	75.1	76.1	75.3
.: 4500 : 4006	42.7				71.9 73.1	1		76.1 77.4			76.5 77.9			75.7 78.		
# 150K	47.5	56.7 50.3						79 • 6 86 • 6			იე.: ა7.3	-		50.3 8 <b>7.</b> 5		
2 2501 - 2005	47.7	5 . 7						97.7 89.9	-		58.5 91.0			99.3		1
. 90X	47.3		70.3					90.1 91.6	r		91.3 92.9			91.7 93.3		
20C	45 • 1	51.4	70.5 70.6	73.3		99.3 99.1					93.7					
Ard	48.1	61.4	70.5	73.3	57.6	89.4	91.6		93.3		94.4			95.3 95.5		
2 0/H	48.1 49.1	51.4	7 - 5	73.3	37.7	89.0	91.7		93.9	95.3		95.7	95.1		95.7	96.9
400	49.1 43.1	51.4	7 65	73.3	87.7	89.6	91.7		94.0	95.9	97,0	97.3	97.7		98.3	93.4
20C	45.1		7 7 • 5	73.3	87.7	89.6	91.7		94.7		97.1	97.6	98.0		99.7	-9.6
	43.1 48.1	61.4	70.5	73 <b>.3</b> 73 <b>.3</b>	87.7 87.7		,	93.6			97.1 97.1				-	99.9 156.0

SLCRAL CLIMATOLOGY BRANCH USAFETAC ATP ADATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

63-70,73-79

STANTON STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 %.	i (						viš	68. TV ST	ATUTE MIL	.E.S						
I/FE's	≥ ≤	≥ 6	≥ 5	≥ 4	≥ 3	53%	27	≥ - ½	≥1%	≥,	≥ /4	≥ %	≥ ٧.	≥ 5/16	≥ '4	≥ .
NO 1 Ed NO 2 70000	79.1	43.6	40.1	49.7	34.6	£5.5	35.7	45.€	55.	55.3	55.4	55.0	59.9	55.7	55.0	55.9
I	27.3	49.7	55.1	57.2	63.5	54.7	[مزدو	1 5 - 1	55.1	55.1	55.1	65.3	35.3	65.3	2.3	55.3
≥ 18000 ≥ 5100	38.1	50.3				55.4	05.5	1	65.7	65.7	65.7	65.5		65.8	65.9	>5 • €
14556	72.1	57.3				55.4	5 و 5 ن		7 و 5 ن		05.7	55.5	3 • ∃ن			
≥ 14600	32.4			55.2		65.9	56.1	55.2	65.2		56.2	66.4	55.4	55.4		_
2000	38.9	51.4		<u>53.8</u>		<u>56.5</u>			<u> 55.5</u>			<u> 55.5</u>	55.9	66.3	65.7	
2 9000 2 9000	40.7	54.1	61.1	⇒2•3	6:.9	7 4			7~.7		7 - 7	70.5		70.3	77.3	70.8
> 8000	41.2	54.6 55.4		62.3		71.1		71.4	71.4			71.5			71.5	
≥ 2000			62.5			72.4		, ,	72.7	1	72.7	73.8			72.0	
> 6000	42.6	53.5		66.9		75.9 75.5			75.2 76.9			75.4	75.4	75.4		73.4
≥ 5000	43.1	53.5		67.7				77.2							77.3	,
> 4500	43.4	59.1		68.1		77.3					77.5	77.7	77.7	77.7	77.7	77.7
± 4000	44.6	63.5	7 1	69.7		79.3		79.6				79.7	ſ		79.7	77.7
350C	45	51.1		73.4		80.3	÷ 0 • 7					82.7		80.9	3 7 3	
2 3000	47	63.9	1 1	74.1	82.8	54.9	85.3		35.5					35.1	35.1	36.1
≥ 2500	4 :	55.1		75.8		57.7	89.1		88.5			89.1	3 - 1	39.1	59.1	25.1
2000	48.2	65.8	1 1	77.0		29.7		,								
2 800	49.4	45.9	75.4	77.3	87.7	93.3	90.7	93.9	91.1			91.6				31.6
≥ 1500	42.5	50.2	75.8	77.8	88.8	91.2	92.3	92.8	93.0	93.4	93.4	93.5	93.5	93.5	93.5	33.5
≥ 1206	49.5	56.2	76.5	78.5	95.0	92.4	93.8	94.3	94.5	94.9	94.7	95.2	95.0	95.3	95.7	95.0
₹ 000	48.5	56.4	76.5	78.6	910.5	93.d	94.3	94.9	95.1	95.7	95.7	95.8	95.8	95.8	95.3	35.8
. 900	48.5	56.4	76.5	73.6	97.5	93.0	94.3	94.9	95.4	95.9	96.1	95.2	95.2	96.2	75.?	30.2
2 80Ki	48.5	56.4	76.3	78.9	90.9	93.4	94.7	95.3	95.9	95.5	95.6	96.8	96.9	96.9	95.9	36.5
2 700	48.5	55.4	75.3	79.1	91.1	93.5	94.9	95.4	96.1	96.6	96.8	96.9	97.0	97.0	97.	÷7.
≥ 600	43.3	66.4	76.9	79.2		94.1	95.5		97.2	97.7	97.0	98.0	98.2	98.2	49.2	76.2
± 500	48.5	66.4	75.7	79.2		94.2	95.7	96.6	97.7	98.2	99.1	99.2	99.5	99.5	⊋⊅ <b>.</b> 5,	-9.5
3 400	48.5	56.4		79.2		94.2	95.7		97.7			99.2	97.6	79.5		39.7
2 300	45.5	56.4	1 1	79.2	1	94.2	95.8		97.5			99.3	99.7	⇒9.7	y9.7	59.9
± 700	48.9	66.4	75.9	79.2		94.2	95.8		97.8			99.3			79.9	
- 100	48.4	65.4	76.3	79.2	-	94.3	95.9		98.3	98.5		99.5	69.9			
	48.5	66.4	76.3	79.2	91.5	<u> </u>	95.9	96.9	98.0	98.5	99.3	99.5	90.9	99.7	1.3.3	<u>ت د ت</u>

TOTAL NUMBER OF OBSERVATIONS

GELARE CLIMATOLOGY RRANCH Grafitac at- "fathfa service/mac

### CEILING VERSUS VISIBILITY

4 244 STANTON AAF K.

55-17,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1777-1471 HOURS (LISIT.)

re-, <b>~</b> ,							viS	B.i ** ST	ATUTE MILI	ES.						
1:55.1	≥ 'C	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	2.2	≥ . %	≥11/4	۱ ج	≥ 4	≥ %	2%	≥ 5/16	≥ 4	3≤
NO 1EUNE ≥ 20000	45.7 48.3	51.8		55.6 55.5	-	7 • 1 څخ • 7			57.1 53.7				⇒ • 1 ⇒ • 7		:7.1	
≥ 18000 ≥ ±100	48.6 48.6	52.3 62.3	66.3 66.3	67.5 67.5	63.4		59.7	69.7	09.7	57.7	59.7	59.7	57.7	59.7	59.7	59.7
≥ 14000 ≥ 12000	48.8	52.5	67.1	67.8	69.7	73.3	79.0 79.1	73.3		70.5 71	77.5°	73.5 75.1	77.7	75.0 73.1	70.0	70." 71.1
≥ 1900€ ≥ 900€	52.1 50.3	64.1 64.2	5 ⊰ • ∹	69.6	71.7		72.7	72.0 72.3	72.	72.	72.1	70.0	7:.0	72.1	77.3	72.
≥ 8000 ≥ 2006	51.5 52.5	65.9 68.1	71.3	71.9	74.0	74.3	74.3	74.3		74.3	74.2	74.3	74.3	74.3	74.3	74.7
≥ 6000 ≥ 5000	53.1 53.8	68.5	73.7	74.6	77.2	77.5 77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
₹ 450% \$ 400%	54.5	77.0	75.2	76.Û	78.6	78.9	78.9	73.9	78.9 81.2	76.9	78.9	78.9	79	78.7	75.3	70.5
± 3500 ₹ 9XX	57		77.5	78.6	81.8	82.1	32.5	32.5	32 • ī 66 • 4	32.5	32.5	35	5 ℃ د	42.0	37.5	
2500 2007	57.5	75.5	83.7	გ2•0	89.2	99.5	93.3	90.2		93.2		90.2	9°•2	90.2	40.7	90.7
3 800 3 1500	5 <b>8 . 4</b>	77.9	85.3	35.6	91.2	91.5	97.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2		- · ·
2 200 2 000	59.5	79.4	86.7		93.7	93.9	94.9	95.2	95.2	95.2	95.2	75.2	95.2	95.2		35.2
+ 900 2 800	79.6 59.5	79.7	87.2	69.5	94.7	C4.9	96.	96.2		96.2		96.2	96.2	96.2		2 • و د
± 700 ≥ 600	59.6	79.7		38.9	95.5	€6.J	97.0	97.5		97.5	97.5	97.5		97.5	97.5	
. 500 1 400	59.6	79.7	87.3	88.9	96.0	66.5	97.5	98.6	98.6	98.6	98.9	98.3	90.1	99.1	99.1	99.1
306	59.6	79.7		93.9	96.0	96.5	97.5	99.1	-	99.1	99.4	99.4	9°.7	79.7		₹9.7
- 00	59.6	79.7	87.3	23 <b>.9</b>	95.3	95.7	97.7	99.3	99.3 79.4	99.3	99.5	99.6	37.9	99.0	99.9	33.6

PROBREM CETMATCHOOK PRACTH Unafetac a princethia servic xmat

### CEILING VERSUS VISIBILITY

(3-71,73-70 YEARS

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							• 5	8 5	AT. TE MIL	ES.						
1 11 .		2.6	» (	2.4	:	227	2.	≥ 7	≥1%	≥,	≥ 4	≥ %	≥ ٧	≥5/:6	2 4	≥.
	4.3	5 4 6 7		7	57.1		57.1	17.1 57.2				57.1 67.5	51.1 51.5	7.1	27.1 57.3	57.1 67.5
2.62	-5.5	65.4 66.4	o "• "		ξη. 1	± + • 1 € ≠ • 1	67.5 67.5	59.5	1.9 • €	05.5		59.€	o°.5	57.0		59.5 59.5
2 400 2 2 9 9	55 e t	55.3 67.3	5 - •		€ ? • 5, 7 • 7	59.0	1	71.3	71.		77.1	70.1	7 1 • 1:	70.1	70.1	71.1
± 0.00 ₹ \$200	j.,q	7J.5	7 - 1	74.3	74.7	74.	74.4	74.4		74.4	74	74.4	74.4	74.4	74.4	74.4
≥ 9000 ≥ 1990	61.0 52.3	73.3 75.3			77.1 7.5	77.2	77.7		77.7	77.7	77.7	77.7	77.7	77.7 ±0.2	77.7	77.7
2 8000 2 5000	52.4 53.1	75.8 76.4		77.7	7 ° . 5					40.2 ₽0.9		33.9	31.2 57.7	∨0•? 	53.9	£0.2 €0.9
≥ 4500 ± 4000	33.6 54.3	76.9 7 <b>7.</b> 8		75.9 79.8		59 51.9					61.4 c2.3		s1.4	51.4		£ 1 • 4
≥ 3500 ≥ 5000	54.5 55.7	7 ± • 4 ± 3 • 1	8 3 35 3	৪≏•5 ≅5•6	97.5				!!!				52.9 63.2	32.4 38.2	30.9 68.3	£2.9 38.∑
2 2500 2 2000	58.5 69.5	35.5 36.5	38.1 99.⊐	93.2	91.0 93.7			91.8 93.5	1			91.5 93.5	91.3 93.5	91.3 93.5	91.8 93.5	91.5 93.5
2 800 5 1500	65.3	46.∃ 37.4	87.5 90.9	90.2 21.5	99.9 94.6		93.5 95.2	93.5 95.3				93.6	93.5 95.3	93.6 95.3	73.6 95.3	93.6 95.3
± 1200 ± 000	7.04	37.5	91.	01.6	95.0	95.Z	94.0	-6.6		96.9					95.0 95.9	95.9 95.9
2 A(K	7 - 4	97.5	91.	71.8	95.3	75.2 -5.3	75.1	°6.5 °5.7	97.1	97.1	97.1	95.9 97.1	97.1		95.9 97.1	70.° 77.1
2 700 2 600	72.9	7.3 F7.3	91.5	92.4	95.7 96.7	75.8 95.4	97.4	99.1	98.4		98.4	98.4		98.4	97.5	97.5 95.4
. 500 . 400	70.5 70.5	97.9 57.9	91.5	?2.4 ⊋2.4	96.7	75.4 76.4	97.4	98.6	98.9		99.2	93.5	97.7	79.7	59.7	₹9.1 79.7
2 306	70.5	97.3 57.3	91.	92.4 92.4	96.1 96.1	96.4		98.5	99.9	99.1	99.4	99.4	99.8	99.5	79.3	99.5
• 06 <u>-</u> 9	70.5 77.5	97.9	91.5	92.4 92.4	96.1	55.4 55.4		38.5			99.4 99.5	99.4	95.8 153.0	າງ. s 1 "ວ. J	30.5 127.7	99.

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 4

### CEILING VERSUS VISIBILITY

53-71,73-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- 18 J.N.S.							-15	B . 1 - 51	AT. "E M .	E S						
(FET)	≥ 1	≥ 6	≥ 5	2 4	≥ 3	2:/	2.4	2 "	2.4	≥,	2 4	≥ %	≥ v	≥5″6	2 4	≥ .
%1 E.N - 3 2000€	34.7	47.4	51.7	51.9 60.5		55.7 55.3	55.4 65.4		56.5 55.	5: 4		5:.0	4 .4 32 • Ž	55.3 86.3	55.€ 25.€	::. ::::::::::::::::::::::::::::::::::
≥ 8000 ≥ 4397	44.4	55.9	5 `• 5	61.4 f1.4	5 5 4	° a • 3	⇒6 • 8	57.	57. 67.1	57.1	57.1 57.1	57.1 57.2	b 7 • 1	57•.	57.2 57.2	57
≥ 14000 ≥ 2000	44.5		50.0		65.8		07.2	£7.4	57.4	€7.5	57.	67.5	57.5	57.5 58.6	27.5	57.5
± 1900€ ≥ 9500	46.3	59.1 59.9	54.1	65.1 65.8	é 4 • 5	70.4	7 9	71.2	71.7	71.5		71.3	71.7	71.4	71.4	71.4
≥ 8000 ≥ *900	48.5		55.5		7 - 2	71.1 73.1 75.1	73.5		77.	74.	74.	74.1 77.1		74 • 1 - 77 • 6	74.1	74.
≥ 6000 ≥ 5000	50.0	64.1 54.5	67.5	71.07		75.6	77.1		77.	77.5	77.5	77.0	77.6	77.,		
: 4500 : 4000	: 0 · 6	54.9	7 . 4	71.5	75.3	77.6	75.1	78.4		75.5	75 51.2	70.0	7	78.5	7 = . £	7: . 7
2 350c 3 8000	:2.1	55.7 75.1	7?.5	73.8	75.3	3		<b>01.4</b>	31.4	° 1 • 5	£ 1 • =	52 31.3		1 • 5	11.5 27.7	1.7
± 2500 ± 2004	5.6	71.5	73.5	3 ີ • 1	ë 7 • 1	18.2		99.5	89.5	89.5	59.8		50.9	,	y.• <u>1</u>	3,01
2 800 Soji	55.7 55.1	72.5		31.5		⇒ 2 • 3	91.2	31.7		65.7	90.1	92.2		92.3 94.1	72.7	
? 20C > 00G	56.2 56.2	73.3	3 • 7		91.4		93.9		94.7	95.1	95.1	95.2	y5.2	75.3	- F . 3	45.3
- Q()/;	55.3 55.3	73.4	31.1	ું• છ	91.9	93.0	94.3	95.3	95.3		95.9	95.9		96.1	96.1	30.1
± 70€ ± 60€	55.3	73.4	51.0	# 7 • 1		23.7	95.3	95.9	96.2		96.2	95.9	97.:	77.5		÷7.1
. 500 2 400	56.3	73.4	31.5	93.2	92.7		95.5	96.7	97.2		98.2	98.3 95.8	99.7	35.5	: <u></u> <u></u>	
: 30L : 20C	56.3 56.3	73.4	81.3	33.2	92.7	94.1	95.6	97.0	97.4		99.8	25.9	99.3	29.4	-9.5 49.6	79.5
. 100	35 · 1	73.4	81.	27.2	92.7	04.2	75.6	97.0	97.5	9±•2 98•3	98.6	99.3	22.4	99.5	99.7	39.3

CLOPAL CLIMATOLOGY BRANCH L'AFETAC ATT. "FATHIR SERVICEZMAC

## CEILING VERSUS VISIBILITY

STANTON STATION NAME

00-77,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11.6%							v i S	8.11 51	ATUTE MIL	E.S.						
11.55.4	≥ :	≥ه	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ ′′,	≥1%	' ج	≥ 4	≥ %	: <u>2</u> /	≥5/16	2.4	<b>≥</b> c
NO E.NO ≥ 20000	ر د ۰ ۹ د	45.4 45.0	44.5	i i			44.5 55.1		აი.∦ 56.ლა		56.9		5 - 7 .2	77.2	7.2	5. 57.2
≥ 18000 3 3 44	34.1	45.3		6 N	54.5	54.5	55.5	57.1	7.2		57.?	57.3		27.5	-, 7 . 5	57.6 57.5
2 14600 2 2000	35.2	45.5		5	54.7	25.	55.8	7 . 3	57.9	57.5	37.6			57.9 39.3	57.9	
± 9000 ± 9000	35.6	48.7	54.4	75.5	54.7		હ∂•લ	52.4	ê2•≒		52.7	50.7	i, ; • ⊃	52.		46.00
≥ 8000 ≥ 7000	39.7	50.1	5°•2	€0.3	55.7 51.0	55.9	55.7	44.4	٤-•٠		69.7	6 7	<b>5</b> ÷• €	5°.3		37.
≥ 5000 ≥ 5000	42.4	54.7	51.1	67.4	6 . 1	5 : • 4	59.5	71.2	71.2		71.5	71.5	71.7	71.7	71.7	71.7
≥ 4500 ± 4000	41.3	55.8		63.6	€ 0 . 4	€9.7	77.8	72.4	72.5	72.6 74.3	72.7	72.7	70.0	73.0	74.7	73.
≥ 3500 ≥ 3500	-2.4 43.4	57.3	54 • 9 57 • 4	€5.2	72.2	72.4	73.6	75 • 2	75.4		75.=	75.1 20.1	, ,	75.3 75.3		
± 2500 ± 2000	→4.4 44.4	51.7	53.3	70.6	78.2	73.5	79.9 31.4	91.8	32.0	72.00	٤2.1		52.4 54.2	2.4 54.2		34.2
3 800	44.4	52.1			79.3	50.0	51.7	² 3 • 6	84.1	04.1	94.2	-	: 1	95.9		54.5 25.9
≥ 200 ≥ 000	45.3	53.4	71.1	7.1	51.3	- 6.7	54.3	36.4	56.7				57.1 59.2			
2 900 2 80H	45.5 45.5	53.4 53.4		i 1				95.1		85.5 90.9						
± 700 ≥ 600	45.5 45.5	53.4 53.4	77.4	1 - 1	85.3 35.5			91.5		92.2 93.0				93.1 94.1		94.1
.: 500 : 400	45.5		73.3 73.3	75.5 75.5	56.2 86.2			93.3		94.1					97.5	
± 300 ± 200	45.5 45.5		73•3 73•3	75.5 75.5	85.3	87.8	90.1		94.3	94.4 94.7	95.9	95.1	97.9		99.7	
. 06	45.9	53.5 63.9	73•3 73•1	1 ' 1						94.7 94.8			97.9 98.)	98.5 98.5	90.0 90.0	29.0 1 [3.3

CARR RUGUSTANTOLOUR ARANCH CARTTEO ET ... RATH. H. SERVIC. MAC

### CEILING VERSUS VISIBILITY

55-77,13-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ 1 2 - 1 1 1 HOURS (L.S.T.)

15.83	<u>-                                    </u>					-	•15	B . * ST	ATUTE MIL	ES						
7+56°s	≥ 15	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥.;	≥ . ½	≥1%	≥1	≥ 4	≥ %	2 7	≥5/.0	2 4	≥ر
1000 EUNI ≥ 20000	.3 • . 3 7 • 8		47.1 55.7			1.2 33.7		:1.7 :1.3	51.7 31.3			51.7	51.7		±1.7	51.7 51.3
≥ 18090 ≥ ± 40	38.1 38.1		56.4	57.2		51.3	61.5		51.0	61.3	51.3	51.5	01.5	61.4 61.5	51.3	51.3
≥ '4000 ≥ 2000	ج ع <u>د</u> 5 ع 3	51.7 52.1		c7.3	51."	-1.5		52.4	62.4	52.4 62.4	52.4 52.4	52.0 52.4		52.4	52.4 52.4	
≥ 9000 ≥ 9000	39.8 40.8	54.5 55.9	59.5 61.5	63.7 62.6			55.4 57.3	65.7 57.5	55.7 67.5	55.7 67.5	55.7 57.5	65.7 67.5		55.7 57.5		1
≥ 8000 ≥ 2000	42.7	59.0 60.1				71.2 73.3		72.0 74.5	72 • 74 • 5	72.3		72.5	70.0 74.5			72. 74.5
≥ 6000 ≥ 5000	43.9 4 <b>4.1</b>		69.5		77.5 74.5		75.0 75.9			76.2	76.2		75 • 3 75 • 2			, ,
: 4500 : 4000	44.3 44.3	61.6 62.4	68.6 59.5		75.5	75.0	77.2	77.2	.77 e i	77.2	77.2		77.2	77.6		77.2
± 3500 ± 3000	45.7	56.5		75.3	81.5	62.5	83.4	78.5 33.5	83.3	63.5	83.3		53.6	32.5	53.5	53.6
- 2500 - 2000	47.5	70.4	76.3 75.3	6 و د د	87.4		87.3	36.3 39.7	89.7	89.8	85.0	89.8	59.8		59.9	39.0
2 800 2 1500	49.2	71.3	77.5 87.3	£1.8	86.4	99.1	91.4		91.3	92.0	90.7 92.5	92.0	92.5	92.5		<u> </u>
2 200	49.9	71.9	8 `• 5		91.6	92.3	43.8		94.2	94.5	94.5	94.5	94.5		93.9 94.5	74.5
≥ A(⊀·	13.3	71.9	81.7	93.5	02.3	72.9	94.5	94.6 95.3	95.3	95.5	95.5	95.5	95.5		95.5	<b>35.</b> 5
2 6/X	50.1	72.1	81.2	53.8 23.8		93.6	95.5		97.0	97.4	96.7 97.5 98.8	97.6	97.8			
2 40C 2 40C	აშ.1 აშ.1 ამ.1	72.1	51.5	- 1	93.5	94.2	96.3		97.8	98.7	99.1	99.2	49.5	79.5	29.1 20.5	
÷ 200	50.1 50.1	72.1	81.5	84.0	93.5		96.3	97.6	97.9	96.8	99.2	99.3	99.9	i ,0.	1.73.3 1.73.3	170.0
	20.1		81.3		93.5						99.2		99.9		52.5	

TOTAL NUMBER OF OBSERVATIONS

UBORAL CEIMATOLDSY BRANCH UBAFLIAC AIR WEATHIR SERVICTYMAC

### CEILING VERSUS VISIBILITY

CA 355 VOTEVATE PARCE

5:-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

74. ~5							٧١S	.B . ** ST	ATUTE MIL	E5						
(sie.,	≥ 'C	<b>≵</b> 6	≥ 5	≥ 4	≥ 3	82%	27	≥ . %	21%	≥1	≥ 4	≥ %	≥ ∨	≥ 5/16	2 4	≥.
NO 1EUN/+ ≥ 20000	+1.7 45.7	43.3 57.9	51.1 52.1		57•4 64•5		52.4 64.0	52.4 54.0		° 7.4 64.3		52.4 64.7	51.4 54.3		57.4 54.7	52.4 54.1
≥ 78000 ≥ 5000	49.7	59.3 59.4	1		65.4 65.5		65.4 05.6					1	55.4 55.5	55.4 55.5	გე. გ. გე. გ. გ.	5).4 65.5
≥ 14000 ≥ 12000	49.3	59.6 60.1	63.9				65.7 65.4			65.7 56.4		65.7 56.4	55.7 55.4		55.7 55.4	50.4
≥ 9000 ≥ 2000°	51.9 52.7	52.9 53.7		57.6 69.5	67.3 7.6					69.4 75	-	60.4 70.9	5° • 4'	59.4 70.00	50.4 75.0	30.4 70.3
≥ 800C ≥ 2000	54.9 56.1	56.4 68.3	71.4	71.9 73.9			74.3 76.6		74 • ? 75 • 6	74.3 76.5	76.	74.3 75.5	74.5 75.5	74.3 76.5	74.7 75.5	7000
≥ 6000 ≥ 5000	56 • 1 56 • 6	58•3 69•3	73.4	73.9 74.9	77.7	77.1	76.5 77.6	77.5		76.5 77.6	75.5	75.5	76.5 77.5	17.5	77.5	77.€
2 4500 2 4000	55.6 57.1	7	74.4	74.9 76.1	73.3	70.4	78.9	78.9		77.5 75.9	77.5	77.0 79	77.5 7:.9	79.9		75.5
2 3500 2 3006	57.9 57.7	73.7	75.5 81.4	77.1 52.6	86.1	86.3		36.7	85.7	81.6 86.7	\$3.6 \$5.7	95.6 85.7	55.7	96.7	33.7	30.6 30.7
≥ 2500 ≥ 2006	62.4 53.3	77.9	50.1	86.1 87.4		9. • 1 92 • 3	92.9	92.9		92.0 92.9	92.9	92.9	92.9		52.9	90.6 90.5
2 800 2 1500	53.3 53.7	79.4 60.1	87.5	88.0 38.9			93.4	95.3		95.0	95.3	95.0	95.4	95.3	95.7	3.4
≥ 200	54.	30.4		99.1	94.6	05.4		96.6			95.5	96.5	95.6	96.5	95.5	95.9 95.5
≠ 800 ≠ 800	54.4	31.	8° • 3	97.0	95.6			95.1	97.3 98.3	90.3	90.3	93.3	• -	9B • 3	94.3	37.5 35.3
2 70C 2 60C	54.6	81.1	87. 84.	93.3 93.3	95.4 95.4		98.4	98.9 99.0		99.3	99.4	99.4	99.4	99.7	99.4	59.4 39.7
2 500 2 400 2 306	54.6	81.1	87.	93.3	95.4	97.7		99.1 79.1	99.4 99.4	99.7	99.9	99.9	100.0	1 30 - 3	1_3.3	1
≥ 200	54.6	51.1	89	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	96.4	97.7	98.6		99.4	99.7	99.9	99.9	1.7.5	1,3.0	107.0	175.U
2 0	64.5	91.1	37.	3~.3	96.4				99.4	99.7			135.5			

TOTAL NUMBER OF OBSERVATIONS	72

ULUAAL CETMATDEGGY PRANCH L ARETAC AT AFATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

4 \_ 44

STENTON DAF KT

64-70,73-79

MAY MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1F. No.	ĺ						v1\$	B : ** ST	ATUTE MIL	ES						
4455	≥ 12	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ 1/,	≥1%	≥ 1	≥ 4	≥%	≥ ∨	≥ 5/16	≥ 4	≥د
N° 1 E.HN- ≥ 2000C	47.3 55.5	53.2 54.4		54.8 65.9	54.9 65.2	54.9 66.2		64.9 66.2	54.5 55.2	54.9 56.2	54.5 66.2	54.3 56.2	1 1	54.9 56.2	14.9 36.2	54.9 56.0
≥ 18000 ≥ 5 ior	57.3 57.3	55.1 55.1	1	55.7 56.7		67 • 0 67 • 0	67.3 67.3	67.3 57.3	67.1 57.1	67.5 67.5	67.0	57.0 57.0	57.7		67.0 67.0	57.0 57.0
≥ 1460C ≥ 1200C	57.7 58.3	55.5 26.4		67 <b>.1</b>		57.4 50.2	57.4 08.2		67.4 53.2	57.4 65.2	57.4 58.2	57.4 53.2	57.4 56.2	57.4 58.2	c7.4	57.4 50.2
≥ 9000 ≥ 9000	ამ.3 <b>- ხე.8</b>	59.3 69.3		70.8 71.3	71.1 71.6	71•1 71•5		71.1 71.5	71.1 71.6	71.1 71.6	71.1 71.5	71.1 71.6	71.1 71.5	71.1	71.1 71.5	71.1 71.5
≥ 8000 ≥ 7000	63.3 55.1	73.5 75.5			75.6 77.6				75 • 5 77 • 5	75.8	75.5 77.2	75.8 77.8	71.3	75 • 8 7 <b>7 •</b> 3	75.8 77.3	75.5 77.5
≥ 6000 ≥ 5000	55.4 55.4	75.9 76.5		77.6 72.4	78.1			78 • 2 79 • 3		78.2	78.3	78.2 79.3	7 2	75.2 79.3	7°.3	
≥ 4500 2 4000	56.U	76.5 77.5		78.4 79.5	79.2 8:.2	79.2	79.3 30.6	79.3 35.6	79.3 50.5	79.3 60.6	79.3 50.5	79.3	7 = 3	79.3	79.3	79.3 °j.0
± 3500 ≥ 3006	09.7 71.9	79.3	51.8 25.3	31.9	82.9 83.0	92.9		83.2 88.6	23.2 39.6	93.2 88.6	43.7 68.5	33.2 25.6	13.2 55.6	38.6	53.2 58.6	-3.2 -3.5
≥ 2500 ≥ 2000	73.5 74.4	96.7	89.5 93.9	99.7 91.2	91.4	91.7		92.0 94.3	92.0	92.3	97.1	92.1	97.0	72 94.3	92.5	94.3
2 800 2 1500	74.5 74.5	98.3 35.5	91.3	71.4 91.8	93.8		94.4	74.4	ý4.4	94.4	94.4	94.4	94.4	94.4	94.4	44.4 45.7
2 1200 2 000	74.7 75.3	33.9 89.2	91.3		95.4 96.1		96.5	96.5	95.5	96.5	96.5	96.5	96.5	96.5	95.5	96.5
> 900 2 Ark	75 • 75 •	89.4		92.7	96.5	97.1	97.7 98.0	97.8	97.8		97.€	97.8	97.8	97.8		97.3
± 700 ≥ 600	75 • 1 75 • J	89.9	97.9	43.2	97.1	97.8	98.5	98.8	98.9	96.9	98.9	98.9	95.9	98.9	45.9	98.9
.: 500 -: 400	75.3 75.3	89.8	92.9		97.1	98.0	98.8 98.8	99.2	99.4	99.7	99.7	99.7	99.7	99.7	39.7 99.7	39.7
± 306 ± 200	/5 • 75 • 1	39.8	92.3	93.2	97.1 97.2	98.0		99.2	99.4	99.7 99.3	99.7	99.7	99.7	₹9.7 99.5	79.7	99.7
• 06 • 9	75 • 1 75 • 1	89.8 89.9			97.2 97.2		98.9 98.9	99.4 99.5		99.8 100.0			99.8 153.8	99.8 172.0	99.3 1.2.3	99.8 150.6

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

SECHAL SCIMATOLOGY BRANCH GRAFITAC AIN MEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

53-77,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

"ELN"							<b>115</b>	8. 7 51	ATUTE MIL	E5						
I-FETY	≥ 0	≳ 6	≥ 5	≥ 4	≥ 3	≥21/	2.7	≥ . ½	≥1%	≥1	≥ %	≥ %	≥ %	≥ 5/10	2.4	≥د
%1 E1 N1 - ≤ 21000	:7.3	46.1 54.3	44.2 53.2	#4.6 38.6				51.9	51.9	12.2 61.9		62.	57.3	- 2 . 3 52 .	E7.3	:3.? :2.J
2 18000 2 5100	44.2	55.0 55.0	55.9	59.4	61.8	62.3	52.2 52.3	52.7	52.7	£2.7	62.°	52.8 52.4	57.8 57.9	52.5	52.3	42.5 42.5
≥ '4600 ≥ 2000	44.4	55.3	50.7	57.7 63.5	52. 61.9	52 • 3	62.5	53.3	03.5 53.5	53.J 63.c	63.1	53.1	53.1 64.0	c 3 • 1	53.1 64.3	±3.1
± 9000 ± 9000	45.7	58.5	62.3	£3.4	55.0	( <b>€ • 3</b>	66.5	67.0	57.1 58.2	57.1 65.2	67.1	57.1 68.2	57 2 5° 3	67.2	67.2	67.
≥ 8000 ≥ 7000	49.7 50.8	52.7	67.6	63.2	71.3		72.1	72.5	72.5	72.5	72.5	72.5	70.7	72.7. 75.0		72.7
2 6000 2 5000	51.5	54.5	69.7	70.5	73.3	74.1	74.7	75.2		75.3	75.	75.3		75.4	75.4 75.4	75.4
≥ 450C ± 400C	51.5	65.4	70.7	71.5	74.9		75.3	76.3	76.4	75.4	76.4	75.4	76.5 77.8	76.5	76.5 77.3	75.5
≥ 3500 ≥ 3000	⇒3• 55•	67.4		74.0	77.8	78.1	78.8		79.3	79.3	79.2	79.3 84.6	73.4	79.4	79.4	79.4
2500 2005	55.4	73.3	79.7	87.9 82.4	8 . 9	86.3	87.1	57.7	87.7	87.7 90.1		87.7	57.8 90.2	37.5		90.2
2 800 2 1500	57.4	74.9	81.3	42 • B	88.3	8 <b>8</b> 8	39.3		93.5	93.6	90.5			90.7	90.7	53.7
2 200 2 000	57.9 Jg.d	75.7	82.5	64 • 0	90.5	71.2		33.D		77.1	93.2	93.2	92.2	93.2	93.2	≎3•.7
- 900 2 800	58 . Z	75.9	83.1 83.4	34.7	91.6	92.5		94.6	94.7	94.8	94.8	94.5	94.9	94.9	94.9	34.9
2 700 2 600	18.2 19.2	75.2	83.5	a5•3	92.7	93.7	95.0 95.4	96.3	96.5	96.7	96.9	96.9	97.3	97.0	97.0	97.7
.: 500 .: 400	58.2 58.3	76.3	83.8	95.5		94.3	95.9 95.9		97.5	97.9		95.3	98.6 99.J		ÿ <b>₽.</b> 8	98.5 99.2
± 300 ± 200	⊃9•2 26•2	75.3	83.5	85.5	93.2	94.3	95.9	97.3	97.6	98.1	98.5	98.7	99.4	99.4		99.5
. 00	58.4 58.4	76.3	83.9 83.9	85.5 35.6	93.2	94.4	95.9	97.5	97.7				99.4	99.5	99.7	99.9 1 3.7

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 327

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STANTON JAP KO

SEURAL REEMATOLOCY RRAIGH REETAC All ACATHER SERVICIZMAC

## CEILING VERSUS VISIBILITY

6-71,73-77

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18.00							VIS	8 51	ATUTE MILI	E5						
(*EE*)	≥ '0	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ √2	≥1%	≥ '	2.4	≥ %	2 7	≥5/16	<u> 2</u> 4	≥ ∪
NO CESINO ≥ 20000	.5.4 15.4	24.7	27.7 32.3	99.1 33.7	32.1	33.4 33.4		75.9	36.2 41.3	35.5 41.5	34.5 41.8	35.5	3 . 7 4 - 5	35.7	36.7	75.9 42.1
≥ 18000 ≥ 5000	19.7	28.2 28.2	32.5 32.5	33.9 33.9	37.3 37.3	78.7 35.7	40.2 40.2	41.3 41.3	41.6 41.6	41.9 41.9	42.0 42.0	42.0 42.0	4 1 • 3 4 1 • 3	42.3 42.3	42.3 42.3	42.5 42.5
≥ 14600 ≥ 12000	13.9	28.9 30.0	32.9 34.5	34 • 2 36 • .	37.6 33.5	· •	45.5 42.6	41.5	41.9 44.1	42.2	42.3	42.3 44.7	47.5 45.5	42.6 45.3	40.5 45.5	42.7 45.1
≥ 1000C ≥ 900C	21.1 22.2	32.1 33.5		39.0 40.5	47.4	47.1	46.8	48.7 53.3	42.3 53.6	43.9 51.1	49." 51.3	49.2 51.4	49.4 51.7	49.4 51.7	49.4 51.7	49.6 [].z
≥ 800C ≥ 700G	23.5 25.6	35.3 38.3	40.4 43.5	43.0	4°.2	52.9		55.5		57.4	54.5 57.5	54.7 57.3	55.1 55.1	55. 58.1	50.7	55.2 58.2
≥ 6000 ≥ 5000	26 • 1 26 • 7	38.5 39.2	95.3	47.2	53.5	55.4	57.3			59.0		59.7 55	54.7	58.9 50.5	54.7 5.05	59.1 55
≥ 4500 ≥ 4000	26.7 27.5	39.2 39.9	45.7			56.4	58.8		59.5 50.3	60.5	61.0	50.5	5 • 8 5 <u>- 5 • 5</u>		21.5	51.7
≥ 3500 ≥ 3000	27.7 30.5	40.5	49.9	52.8	59.9	62.3	65.1	51.5 66.3		67.6	67.	16.2		58.4	52.5	52.7
2500 2000	31.3 31.3	45.4	52.3	56.0	65.1	67.6	71.4		74.			75.6			75.3	72.5
2 150C	31.3 32.1	46.6 47.3	54.2	57.4	67.3	70.3			78.1		79.5		76.7 80.2	33.2	36.2	76.5
2 1200 2 000	32 • 1 <u>32 • 1</u>	47.9 47.9	55.3	58.4	69.3	73.2	73.9			8 - 9 34 - 6 34 - 9	85.5	95.8	82.3	86.0	36.3	#2.4 #5.2
2 800 2 700	32.1 32.1 32.1	47.9 47.9	55.	58 • 4 58 • 4	-	73.5	ac.3	33.1 84.6 25.5	65.3		87.5	88.3	85.3 88.5 92.8	88.5	58.5	18.7 90.5
≥ 600	32.1	47.3	55.2	58 • 8 58 • 8	70.5 70.5	74.7	82.5	98.4	7	95.8	92.3	92.7	93.2	93.2	73.7	
2 300	32.1	47.9	55.2	58 - 8	70.5	74.7		89.1	89.5	92.3	94.5		97.5			37.9
2 200	32.1	47.9	55.2		70.5	74.7	83.3		89.7		95.5	96.4			99.3	79.9
2 0	22.1	47.9						89.2		**	- 1	95.5			99.4	

DEGRAL CLIMATOLOGY BRANCH Grafetac Arr Weather Service/Mac

## CEILING VERSUS VISIBILITY

68-79,73-79

STANTON AAF KU

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11.50							v 15	B. ** ST	ATUTE MILI	<b>E</b> 5						
tieff./	2. €	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ . ½	21%	≥ '	≥ 4	≥%	≥ ٧.	≥5/16	≥ 4	<b>≥</b> c
N1 1 € UN1 - ≥ 20000	1 4 . 4	25.4	31.7	33.0 38.0	37.4	33.1	38.8 45.2	₹£.5 45.2	30. 45.2	79 . £	36.5 45.2	33.9 45.2	39	3±•2 45•3	34.9 45.7	3=.9
≥ 18000 ≥ 51000	22.4 22.4	33.7	37.4 37.4	38 • 6 38 • 6	43.5 43.5	45.3	46.3 45.3	45.3 45.3	45.3 45.3	46.3 40.3	46.3 46.7	45.3 45.3	44.4 45.4	45.4 45.4	4 4 4 4 4 4	46.4
≥ 14000 ≥ 12000	22.5	33.9 34.4	37.3 37.5		44.7	46.5 46.4	45.8 47.7	46.8	46 • • • • • • • • • • • • • • • • • • •		46.2	45.8 47.7	43.9 47.8	45.9	47.3	47.5
≥ 900C ≥ 900C	24.6 25.1	37.2 37.3	42.5	43.2	44.9 50.0	۶.۰۹ <u>1.5</u>	51.7 53.1	53.1	51.~ 53.1	53.1	51.9 53.1	53.1	: 2 • 7 5 3 • 2	52.3 53.3	52.3 33.2	: ۵۵ : <u>۵۰ ق</u> ت
≥ 8000 ≥ 7000	27.6	41.7		40.1 50.4	54.6 57.0	56.4	57.9 60.6	58.0 60.7	56.7		58.7	51.7	57.3	53 • 1 55 • 5	50.3	55.2 53.5
≥ 6000 ≥ 5000	30.5 30.6	44.5	55	51.0 51.9	57.7 59.9	59.7 51.0	51.2	61.4 62.6	52.5	52.c	£1.4 52.5	51.4 52.5	51.5	51.5	51.5 52.3	51.3 52.3
2 4500 2 4000	31.6	45.4 47.1	52.3	53.8	59.1 61.4	61.1 53.4 64.5	62.3	67.9	52.9 65.4		62.9 55.4	62.9 55.4		53.0 55.6	55.5	53.1 55.5
2 3500 2 3000 2 2500	32.3 35.3	43.1 51.5	57.4	55.0 59.4 63.3	52.5 65.4 77.1		56.5 72.6 77.9	56.6 72.7 78.1	72.7 79.1		55.6 72.7 75.1	55.6 72.7 78.1	55.7 72.8 75.2	55 • 7 72 • 5	55.7 72.8 7°.2	55.7 72.5 78.2
2000	37.3	56.0 56.4	67.5	66 • 1 66 • 5	77.0	79.7 3J.2	92 <b>.3</b> 52.3	32.4 33.0	52.4 53.		52.4 57.5	82.4			37.5	32.5
≥ 1500	39.3	58.2		63.6	80.6		86.4	37.2	87.2	57.2	57.2	£7.2	97.4 89.3		37.4	37.4
2 000	39.4	59.4	67.6		83.9	37.6		93.0		92.1	92.1	92.1	92.2	92.2	92.2	92.2
2 700	39.4	59.4	67.7	7 - 2	84.6 85.1	39.7 59.7	92.9 93.6	94.5	94.6 95.7		94.8	94.8 96.0		94.9	94.9 96.2	94.9 95.2
≥ 500	39.4	59.4	57.7	70.2	85.1 85.1	90 <b>.1</b>	94.3	95.9	97.1	97.2	96.7	97.6	97.7	96.5	95.7	96.5
2 300 2 200	39.4 27.4	59.4	57.7	70.2	85.1	90.1 90.1	94.4	97.2	97.7	97.5	98.5	98.7		99.2	99.2	49.7
. 116	39.4	59.4	67.	70.3 70.3	85.5		94.8	97.4	98.1	98.2	99.7	99.2	99.5	79.5	99.5	99.1
	39.4	59.4	67.4	77.3	85.5	20.4	94.9	97.6	98.2	98.3	99.4	99.6	103.0	100.0	134.7	1

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 7 = 4

CLORAL CLIMATOLOGY BRANCH LAFETAC AT WEATHER SERVICEMAC

CEILING VERSUS VISIBILITY

STANTON STANTON AND FOR

55-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1713-1417 HOURS (L.S.T.)

1							VIS	B. ** ST.	ATUTE MIL	ES	-	_				
/*5E*s	≥15	≥6	≥ 5	≥ 4	≥3	≥21⁄.	≥ 2	≥ . ½	≥11/4	≥1	≥ %	≥ %	≥ ٧.	≥ 5/16	≥ '4	≥ċ
NO 1EUNO ≥ 20000	35.7 32.5	34.2 43.1	1	37.9 47.2	39.4 49.9		39.7	39.7 50.3	39.7	39.7 50.3	39.7 53.3	39.7 50.3	39.7 39.3		39.7	39.7
≥ 18000 ≥ 6100	32.8 32.8	43.2 43.2	1	47.4	5 . 3	53.7 53.7	51.0 51.0	51.0 51.0	51.0 51.0	51.3 51.3	51.0 51.0	51.3 51.0	51.0 51.0	51.0 21.0	51.3 21.3	31.7 21.7
≥ `4600 ≥ 2900	32.9	43.5	43.5	47.8	52.2	52.6		51.4 52.9		51.4	52.9	51.4			51.4	51.4 52.0
≥ 9000 ≥ 9000 ≥ 8000	35 • 1 36 • 1	47.9	52.5		53.1	56.3 58.5	56.5 58.9	56.5 58.9	56.5 58.9	56.5 55.9	59.6	56.5 58.9	53.5	58.9	56.5, 55.9,	58.9
2 7000	39.3 41.9 42.1	51.9 55.1	50.0	57.9 51.1 61.4	65.7		63.5 67.1	63.5 67.1 57.5	63.5 67.1	63.5 67.1 67.5	67.1	53.5 67.1 57.5	67.1	53.5 67.1 57.5	53.5 <u>57.1</u> 67.5	53.5 57.1
≥ 5000 ≥ 4500	42.5	,	61.	62.4	66.8 67.1		58.5	63.2	68.2	65.2	68.2 69.5	58.2 68.5	53.5	59.2	28.2 52.5	56.2
± 4000 ± 3500	43.3	57.5	52.5		68.5	69.4	7 . 2	73.5 71.8	79.0	73.3 71.3	75.3 71.3	70.0	71.3	72.3 71.5	72.3 71.9	
2 3000 2 2500 2 2000	49.4 52.1	54.9 58.9	76.4	72.5	84.4	95.6		36.4	86.4	35.4	79.9 86.4	79.9 85.4	79.9 55.4	79.9 36.4	79.9 85.4	56.4
2 800 2 1500	34 e 5	1	79.9	81.3		89.2	39.6 90.3	99.6					97.3	89.5 90.3	90.3	90.7
≥ 1206 ≥ 1000	55.7 55.d 56.3	72.3 73.5 74.2	82.2	83.6	91.8	93.3	94.4		93.1 94.7 96.1		93.1 94.7 96.1	93.1 94.7 96.1	94.7 95.1	94.7	93.1 94.7 96.1	73.1 74.7 96.1
≥ 900 ≥ 800	56 • 3 56 • 3	74.2	63.1	×4.6	93.2	04.7	96.3 96.8	96.7	96.7	96.8	96.9	96.8	95.9	95.5	96.3 97.5	96.5
± 700 ≥ 600	56 • 3	74.2 74.2		24.6		- 1	97.4	95.2	98.2				93.3		98.3	
≥ 500 ≥ 400	56 56	74.2 74.2		84.6	93.9	95.7	97.9	99.7	99.7	100.0	100.3		100.0	100.0	99.5	130.5
2 306 2 200	56 • 3	74.2	83.1		93.9	95.7			99.7	133.0	130.3	193.9	100.5	100.0	193.3 183.3	170.3
• 100	56 • 3 56 • 3	74.2	83.1	34.6 84.6	93.9		1				100.0					ГІ

SECRAL CLIMATOLOGY BRANCH UMAFETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

4 12 44 STATION DAF 4

55-73,75-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 7~1753 HOURS (L.S.T.)

*F. N.							v15	B . ** ST.	ATUTE MIL	<b>E</b> 5						j
1256.1	≥ 0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ - ½	≥١%	≥ 1	2 4	≥ %	≥ ν	≥5/16	2 4	2.
NO CERNAL 3 2000C	32.0	41.9	43.3 51.3	43.0 51.0	43.5 51.8			43.5 5 <b>1.</b> 3	43.°	42.5 51.3	43.÷		l .	43.5 51.7	43.5 51.3	13.5 51.5
≥ 18000 ≥ 4000	37.7 37.7	49.5						F2.4		52•4 52•4	52.4 52.4			52.4 52.4	52.4 52.4	52.4 52.4
≥ 1400C ≥ 1200C	35 • 3 39 • 9	53.1 51.2		51.8 53.0	53.2 54.3					53.2 54.3		53.7 54.3	l	53.2 54.2	#7.2 54.3	53.7
≥ 9000 ≥ 9000	41.7	54.3 56.2		50.7 52.4	5° • 1			- 1	59.4 55.7	55.4	55.4 5°.2			58.4 62.2		53.4 5.•2
≥ 9000 ≥ 2000	47.7	51.7	54.	64.8		66.5	56.7			56.3 59.5			1		, , , ,	55.5
≥ 6000 ± 5000	49.5	63.9	67.4	67.4		69.9	70.0	73.2		70.2	75.0	72.2	7 - 3	75.43		71.3
2 4500 2 4000	50.4	64.9 53.3		68.4	7′.•9	70.9	71.1	71.2	71.2	71.2			1	71.4		-
2 3500 2 3000	55.1	73.3	74.3	74.3	77.4	77.4	77.5		77.7	77.7	77.7	77.7	77.3			
2 2500 2 2000	04.6	91.4	86.2			90.5	90.7	90.9	93.9	90.9	91.9	95.9	91.3	01.5	91.7 92.4	91.0
2 800 2 1500	55.3	£2.4	87.4	87.7	92.1	92.2	92.8	93.0	93.5	93.3	93.	93.Ĉ	93.1		93.1	93.1
2 1200 2 000	66.9	34.1	87.1 89.5	89.4	94.3		95.3	75.4	95.4	95.4	95.4	95.4	95.6	95.5		25.5
2 900 2 800	67.	84.4	37.5	90.3	95.2	95.6		96.9	96.9	96.9		95.9	97.2	97.2	97.2	97.2
2 700 2 600	67.1	84.6	39.7	90.6	96.5	96.9		98.7	98.7	98.8	98.8	98.5		99.1	99.1	99.1
≥ 500 ± 400	67•1 57•1	94.5	89.7	90.6 90.6	96.6	97.1		99.6	99.6	99.7	99.7	99.7	150.0	100.0	150.0	133.0
2 300 2 200	67.1	84.6	89.7	9D • 6	96.6	97.1		99.6	99.6	99.7	99.7	99.7	105.0	100.3	100.7 102.9	173.0
÷ 106	67 • 1 57 • 1	84.6	87.7	90.6 95.6	96.6		98.8	99.6	99.6	99.7		99.7	100.0	100.0		100.0

SUBHAL CLIMATOLOGY BRANCH USATETAC ATH REATHER SERVICEMMAL

### CEILING VERSUS VISIBILITY

5=-73,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

E. № •							V15	·B:TY ST.	ATUTE MIL	ES						
7-5514	≥ 11	≥ 6	≥.5	≥ 4	≥ 3	≥2%	≥ 2	≥ . ½	≥11/4	≥1	≥ %	≥ %	≥ %	≥ 5/16	≥ 4	<u>≯</u> .
147 E.M.	, Ž •	31.9		-	1		39.1									77.7
2 18000	7.7.4						46.7									
2 500	27.7	38.4 38.4			45.7		47.4	47.7								43.0
2 '466K	27	30.7			45.2			43.2								43.5
2 2000					- 1		49.3						,		40.9	1
2 366	20.5 33.4		46.4				53.3				53.9					
2 9000	31.4		47.2	- 1		-	55.2		-							
2 BOOK	34.2		52.1				59.9									3.5
2 2000	36.2						62.3									
≥ 5000	36.6						63.6			54.2					54.4	
≥ 500C	37.2	1					64.7									55.6
≥ 4500	57.3						64.9						65.8			55.5
£ 4000	36.5		57.3				67.0									
± 3500	39.3						69.7									
≥ 3000	44		54.7				75.8									
± 2500	45.4						30.7				31.5			31.1		51.6
2006	46.8	7	7 . 4				33.7									
£ 800	47.						84.4									
2 1500	47.9						86.9									28.7
2 200	43.1	55.3					33.5						97.4			
3 √000	u,e, 3	66.1	73.5	75.5	85.1	87.6	90.5	71.9	9.2.	92.3	92.5	92.6	92.8	92.5	92.8	92.3
· 900	45.3	66.1	73.5	75.6	85.4	E7.9	90.9	92.4	92.5	92.9	93.1	93.2	93.3	93.3	93.3	23.4
≥ 8(4)	48.3	65.1	_73.a	75.6	85.7	88.4	91.9	93.6	93.8	94.2	94.5	94.6	94.8	94.3	94.9	94.5
≥ 700	48.3	56.1	73.5	75.6	86.1	RB.9	92.6	94.7	94.9	95.4	95.3	95.9	95.1	96.1	96.1	75.1
≥ 600	42.3	56.1	73.5	75.7	86.3	39.2	93.1	95.3	95.6	96.2	96.7	96.8	97.0	97.0	97.0	97.
≥ 500	48.3	56.1	73.5	75.7	86.3	69.3	93.3	96.L	96.2	96.9	97.4	97.7	97.9	97.9	97.0	98.3
: 40C	45.	66.1	73.5	75.7	86.4	89.3	93.5	96.3	95.6	97.4	98.2	98.6	99.1	99.1	99.1	39.2
2 300	48.3	66.1	73.6	75.7	86.4		93.5								99.5	39.€
≥ 200	48.3	56.1	73.5	75.8	85.5	99.4	93.6	96.4	96.7	97.6	98.4	98.8	99.5	79.5	99.7	39.8
• 00	48.3	56.1	1				93.6								99.9	
÷ ′′	45.3	66.1	73.4	75 - 8	85.5	69.5	93.6	96.5	98.5	97.7	99.5	99.5	99.7	79.5	49.9	

SCOPAL CLIMATOLOCY PRANCH LIMESTAC AIR WESTHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

CA FACT/ATE HOTATE

5a-70,75-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18.56							٧١S	B . ** STA	ATUTE MIL	<b>E</b> S						
/:FE")	≥ ' ≎	≥6	≥5	≥ 4	23	≥2%	≥ 2	≥:%	≥1%	≥,	≥ 4	≥ %	≥ ∨.	≥ 5/16	≥ ¼	≥ċ
NO ESINO ≥ 20000	7.4	9.9	10.7	1:.5 16.5	17.1	17.8	18.2	19.0	19.5	00.1 24.8	23.1	20.3	2 . 5	25.3	20.5	
≥ 18000 ≥ 5100	9.7	12.3	15.5	15.5	21.3	22.1 22.1	22.5 22.5	23.7	24.4	25.3	25.2	25.4	25.6	15.5	25.5	25.5
≥ 14000 ≥ 2000	8 • ·	12.3	15.4	1c.7	21.3	22.5	27.0	24.1	24 . 2 25 . 1	25.4	25.5 25.7	25.8	25.3 27.3	26.3	23.2	ಿ೯≎೦
± 10000 ≥ 9000	12.7	16.5	20.7	21.5	27.5	79.0	29.9	31.1	31.7	32.4	32.7	32.9	33.1	34.5	33.1	33.1
≥ 900C ≥ 700C	15.3	23.5	24.7 25.4	76.2		35.1	36.9	73.3	39.5		4~.5	43.9	41.0	41.	41.7	91.0
≥ 6000 ± 5000	15.7	21.8	26.5	24.0	35.5	37.2	39.1	41.2	41.0	42.7	43.	43.2	4 5 . 4 4 5 . 4		# 7.4 45.4	
3 4500 2 4000	15.4	23.3	2 4 . 1	29.6 31.7	37.3	39.2			44.3		45.4	45.5	4°.5	45.5 45.1	45.8 45.3	
± 3500 ≥ 3000	19.3 21.6	26.2	31.5		42.1 46.9		45.3 51.7	48.5	49.1	45.9 55.8	50.0	55.5 55.4			57.5 55.5	° J. 6
± 2500 ± 2006	22.3 24.1	71.2 33.7	37.5 40.3	79.5 43.0	5 . 3		55.6 51.2		59.2 65.2	6 - 4		52.9 67.2		51.3 67.3	51.7 57.3	£1.0
± 80€ ± 150€	24.2 25.0	34.0	43.9 42.6	43.2 45.1		53.6 62.1	62 <b>.1</b> 65 <b>.7</b>	55.1 58.7	66 • 1 69 • 7		67.9 71.5	55.1 71.8		69.3 71.9		55.3 71.9
≥ 1200 ≥ -000	.5.3 25.1	36 • 3	44.3		61.4 64.7				74 • 2 79 • 1		76. ~ 81.1	75.3 91.4		76.5 81.7		
± 900 ± 800	25.7 25.3	35 • 7 37 • 2	46.1	4:.9	65 • 1 65 • 6		74.4 75.4		79.5 81.1	_	\$1.3 83.1	82.1 83.7	52.3 83.9	82.3 83.9		
≥ 700 ≥ 600	25 • 1 25 • 3	37.5 38.3	47.3	50 • 1 50 • 7	66.3		76.8 78.9					36.1 39.7	85.5 93.2		95.5 90.2	
2 500 2 40€	25 • 3 25 • 3	3 ° • 1 3 b •	47.3	. 1	68.3 69.3		80.5 81.1	87.8	90.5		96.5		90.5	75.7 76.7		
2 300 2 200	.35 • 2 .3 • 2	33.1 35.1	47.3		63.3 65.3	74.3	81.4 81.4	88.1	90.8	94.1	96.3		99.3	99.5	99.7	99.9
• 100	25.2 25.2	38.0 38.0	47.3	50.9 50.9	63.3 63.3		81.4 81.4					97.6 97.7	99.3			

SUBVAL CLEMATOCOSY RRANCH . AFITAC N.- AFATHUR SERVICEZMAC

### CEILING VERSUS VISIBILITY

CN RAW NOTULATO PAID PAINTER

6:-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11.45							¥15	.B . ** ST	ATUTE MIL	ES.						
reff.)	≥ ' \$	≥6	≥ 5	≥ 4	≥ 3	×::≤		≥ . ½	≥١%	≥1	≥ 4	≥ %	≥ ″	≥ 5/16	≥ ¼	≥ .
N/5 EUN/5 ≥ 20000	11.6	16.5 23.2		1°•9 23•5	27 <b>.</b> 1	२2∙3 27•7	22.3 27.7	22.5 23.2	2?•5 29•7	22.5	22.4	22.5	21.5 2±.2	32.5 28.2	22.5 28.2	22.5 28.2
≥ 48000 ≥ 4.46	14.1	2 3 • 5 2 3 • 5	23.5	24.3	2 - 0 2 - 0	13.5 25.5	29.5 28.5	79.J	29.0 29.0	29.5 29.5	20.0 20.0	29.5 29.5	29.0 24.0	29.0	29.3 29.3	79.0
≥ '4000 ≥ 2000	14.5	21.1 21.3	24.1 25.1	24.5 25.5	29.9 37	29.4 23.5	29.4 30.5	29.9 31.3	29.9 31.7	29.9 31.1	27.9 31.	39.9 31.5	29.9 31.3	29.7 31.1	29.9 31.7	31.5
≥ 9000 ≥ 9000	17.4	24.6 25.3	29.5	2°.4 33.3	35.2	34.5 ₹5.9	34.8 35.9	35.3 36.4	35 • 3 36 • 4	75.3 36.4	35 • ? 36 • 4	35.3 35.4	30.3 36.4	35 • 3 36 • 4	35 • 3 36 • 4	36.4
≥ 8000 ≥ 7000	20.2	28.J 29.9	32.5 34.7	33 • 2 35 • 4	41.2	43.3		43.7	40.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 6000 ≥ 5000	21.6 22.1	30.3	35.1 35.2	35.d	42.9		42.9	43.6	43.0 45.3	44.0	44.0 45.5	45.5	45.5	44.3 45.5	44.7	45.5
2 4500 2 4000	23.3	31.7 23.4		37.3 39.5	43.3 46.0	47.7	44.8		45.3 48.7	45.9	43.9	45.0	45.9	45.9 46.9	45.9	45.7
≥ 3500 ≥ 3006	23 • 1 25 • 2	34.9 39.5	45.	45.9	54.7	55.6	49.9 55.9			57.1	51.1 57.0	51.1 57.3	51.1 57.0	57.0	57.0	57.0
250C 2000	25.6 30.4	42.5	52.3	50.3 54.0	50.1 64.8	55.5	61.3 67.2	58.1	63.2	52.5 68.5	68.5	52.5 53.5	62.5	62.5 68.5	62.5	52.5
2 1800 2 1500 2 1200	30.3	46.2	5	55.7 67.0	72.9	74.3	75.8	76.8	77.	71.5 71.3	77.3	73.6 <u>77.3</u>	77.3			
≥ .000	32.9	50.8 51.5	62.5	54.1	90.5	23.0		61.5 85.8	36.0	82.2 85.6		32.2 86.6	52.2 36.5	92 • 2 36 • 6	36.5	36.5
2 A(4)	33.4 33.8	52.5 52.6	63.3 64.3	54.9 56.2		46.6	86.5 38.7 90.5	9 <b>0.</b> 0	90.3	98.8 91.0 93.6	91.3	85.8 91.0 94.1	91.2 94.2	98.9 91.2 94.2	55.9 91.2 94.2	30.9 21.2 94.2
≥ 600	34.0	53.3	55 · Z	66.7 67.1	85.1	88.7	91.6		93.8	94.7	95.2	95.2 97.5	95.3 97.9	-	95.3	97.9
2 300 2 300	34.7	53.5	65.4	67.6	85.9	87.7			96.2	97.5	98.4	98.4	99.1	99.1	99.1	39.1
- 20G	34.2	53.5	1 1	67.6	86.0	89.8	93.3	95.7	96.3		98.5	98.5	79.2	99.7	99.2	99.2
· "0	34.3	53.7			-	93.2				98.1			-		ານກໍ່ວ	1

CLORAL CLIMATOLOGY FRANCH L STETAC ATH. #84THTR SERV.CO/MAC

### CEILING VERSUS VISIBILITY

STATION STATION NAME

63-70,73-79

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 2 7 - 1 4 7 7 HOURS (E.S.T.)

78.84.							V15	B ** ST	ATUTE MILI	ES						
FET»	≥ 1	≥ 6	≥:	≥ 4	≥ 3	≥2%	≥2	≥ . ½	≥11/4	≥ '	≥ ⁄₄	≥ %	≥ /	≥ 5/10	≥ 1 <sub>4</sub>	≥.
7 E. N	15.1	1 - 2 24 • 5			27.2				29.4	22.2	22.°	72.1 29.4	20.4	77. \ 29.4	. 7. 1 _ 7. 4	72.3 29.4
≥ 1804 C 3 3 3 3	1 % .	24.6	2 c • H	26.9	29.4	€ 3 • 5	29.5	39.5	39.4	29.5 29.7	29.	29.5	7 : . 5	24.5	27.5	
≥ 1400K ≥ 200K	18.:	25.4	27.5	77.8		30.3	77.7 77.1	71.3 32.1		32.3		3.0 • 3	ر ، ، ،		52.7	70.3
	72.2	26.8	3.7 • 1	?	75.2	75.4	35.4	15.4	35.4	75.4	35.4	35.4	35.4	35.4	35.4	75.4
≥ 800€ ≥ 500€	25.7	35.5	39.9	39.0	42.7	42.9	43.7	43.0	43.	35.5	43.0	45.	35.5 43.3	43.0	43.0	43.5
2 500C	26.5	37.1	7	41.1	45.2	49.5	4=.4	45.4	45.4	44.5	40.4	45.4	4° • 4	45.4	45.4	45.4
- 4500 - 4000	27.3	36.5	42.4		46.8		47.1	47.1	47.1		47.1	47.1	+7 · 1	47.1	46.9	47.1
± +50%	24.5	41.9	4 -> - 1		51.0		51.4	51.4	31.4			51.4	51.4	F 1 . 4	11.4	51.4
1500	34.7	43.5 54.1		b:.7	67.3		68.2	59.3		59.5 68.4	58.4	68.4	59.5 50.4	68.4	03.4	69.4
2 80K	41.	33.5 33.5	55.4	66.7	75.2	75.8	76.3	76.5	75.5 76.6	76.7	76.7	75.7	76.7	76.7	75.5	75.7
2 20G	+3.1 -4.2	53.4	74.1	72.2 75.1	86.9	87.9	89.7	89.3	33.7 39.3	95.5		89.5	33.8 39.5	39.5		23.5
- Q17,	44.5	54.4	75.1	77.0	87.7	95.7		92.4	91.2 92.4	92.7	92.7	-	92.7	92.7	91.4 92.7	≈2.7
- 700 - 200	4° . 3	55.2	77.	78.1	92.2	c 3 . 7	≎5.5	95.9		96.2	96.2		94.3	95.2		70.2
500 400	45.5		77.4	78.4	93.5	94.8	97.4	98.0	96.9 98.1	98.8	98.8	98.6	97.3	99.0	49.7	39."
200 200	45.6	65.4	77.4	78.9	93.6		97.8	98.4	98.4	99.2		99.2	99.3	79.5	99.5	79.E
- ж	45.6	65.4	77.6	73.9	97.9	95.4	98.1		98.9	99.5		99.5	99.9	99.9	33.3	69.5
	45.6	55.4	77.5	75.9	23.9	75.4	38.2	78.9	99.0	55.7	99.7	99.7	1.7.0	1 10 • 1	177.7	<u>170.0</u>

## CEILING VERSUS VISIBILITY

55-70,73-79 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 : ~ :			-				+15	B. '* 5"	41"_E WI!	ES			-			
I-FETA	≥ 1	≥ 6	≥ 5	≥ 4	23	≥24	٤.	≥ "	21%	≥`	≥ 4	≥ %	≥ ٧	≥ 5/16	2 4	≥.
%1 € ≥ 2500C	24.7	2 m • 3 3 5 • 5	2°• :	35.9			37.5	7.7			29.7 37.8	29.7 37.5	11.7 11.5	. ° . ₹ 27 . 5	37.5	77.5
≥ +8000 ≥ ± 500	25.3 25.5			3 ° • U 3 € • 4		33.7 33.1	39.7 39.1	79.1	-	75.7 35.1	38.7 37.1	30 • 7 37 • 1	3 7 3 - 1	39.7 39.1	33.7 37.1	77.7
≥ 14600 ≥ 200k	26.d 2 <b>7.7</b>	36 • 3 39 • 2	3°.8	35.0 41.4	30.5 47.1	42.1	₹9.5 42.1	39.5	18.€ 42 <b>.</b> 1		39.5 42.1	39.5 42.1		59.€ 42.1		33,€ <u>42,1</u>
\$ \$900 \$ 9000	:7.7 30.6	42.5	44.7		4÷.5 46.3		45.5 45.3	45.5			45.5 46.5	45.5 45.3	4 ?	46.0	47.3 45.7	
2 8000 2 1000	33.3 33.7	48.8 49.5		51.8 53.0		53.1 54.8		53.1 54.5	34.4	54.5	57 • 1 54 • 3	53•1 54•9	ì	14.5	93.1 54.3	.4.5
5096 5096	43.9 34.∋	47.9 51.1	5 ( • 1 5 4 • 4		55.5		56.5	55 • 1 5 • 6		56.0	55.1 55.6	53.5	23.5	55.5	95.1 55.5	300
+ 4500 ± 4008	34.3 35.6		55.5	55.7	53.6				58.6	55.5	58.5	53.5		56.7 58.5	o 5 • 5.	- 6 - 6
2 350c. 2 900c	35 • 5	= 3 • 5 5 7 • 6	51.3	·	65.8		<u> 25.2</u>	55.9		55.9	65.0 65.0		53.9	55.5 65.9	<u>65.3</u>	5.9
2590 2097,	47.3 94.7	50.3	70.5	73.0	7 - 4	75.5		78.9	73.9	73.4 78.9	72.9	78.9	73.9	73.4 79.9	78.9	75.9
2 800 2 800	45.5	]	77.9 79.1				ກີ•5 <u>86•1</u>	25.4	56.4		51.7 85.7		86.7		55.7	7 و ن -
20K	+9 • 1	72.3	81.1	-2.3	97	93.5		21.9	92.1	92.2	92.4	92.4	72.4	90.3 52.4	92.4	o u
+ 1995 2 Hole	49.3	73.2	51.5	23.0	97.2	2.6	92.5 33.9			94.9	93.5 95.1	95.1	95.1		y5.1	უნ.1
	43.5 44.5	73.5	82.5	3	94.1		76.2	97.1		98.3	98.6	98.6		78.5	78.5	35.6
- 50% 40%	45.5	73.5	92.5	s. 4, 64	94.5	95.1	97.3		98.3		99.7	99.7	99.7		59.7	99.7
± 200	45.5	73.5	8.2.7	P4.6	94.7	÷5.2		98.3		99.4	99.7		90.9		59. •	59.9
- 100	48.5			1	ì I			98.4 95.4								

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 53

SELFAR CRIMATORORY PRANCH UNAFITAD AT - #CATHER SIRVED /MAC

### CEILING VERSUS VISIBILITY

STANTON ADE AS

63-77,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18.50	 	_					¥15	S B . ** S*.	ATUTE MIL	E5						
##E"\	≥ :	≥ 6	≥ 5	≥ 4	2-3	≥:%	≥.:	≥ . ½	≥11/4	≥.	≥ 4	≥ %	≥″	≥ 5/16	2.4	<b>≥</b> ∟
\$ 2000¢	17.5	13.3	2 ' • 1 2 - 3	20.4 25.7		22.9 32.9	27.	23.8	۲.4 23.6	72.1 29.5	27.	23.3	21.5			
≥ 18000 ≥ 5 07	15.3	23.1	25.7 25.3	28 • 1	29.1	29.0	?≑.5	70.1	17.7 36.4	30.4	37.4	33.5	30.5	31.0	33.5	7 1 5
≥ '4000 ≥ 2000	16.4	23.0	26.3	26.7	29.8	33	5 . 4	30•8	31. 32.5	31.1	31.7	31.2	31.3		31.3	
3 9000 2 9000	21.4 21.0	23.1 23.9	31.3 32.2	21.9 32.6		75.0	32	36.6		37.J	37.3	37.1 35.3	37.1 38.4		37.1 35.4	77.1 33.4
≥ 8000 ≥ 7000	23.4	32.9 34.2	35 • 7 3 • • 3	27.2 33.9		44.5			47.9 46.	44.1 45.2		44.2 45.4	44.3 45.4		46.4	44.7
≥ 6000 ≥ 5000	24 • 3 25 • 3	34.4 35.5	39.5 37.9			44.9 45.4				45.5 45.7		45.5 45.4	95.8 45.4		45.8 42.4	
≥ 4500 ± 4000	25 • 2 25 • 3	35 • ±	4 · 1 41 • 9	40.7		46.7		43.1 53.4				4 = • 7 5 1 • J	4 4 4 . / 51 . 1	46.7 51.1	43.7 51.1	45.7 51.1
≥ 3500 ≥ 3006	** ** ** ** ** **	35.8 43.1	43.5 42.5	44.2		51.1 57.2		52.6 58.9		53.4 59.4		53.2 59.6	53.2 52.6	' 1	53.€? 59.5	33.€ 59.€
2 2500 2 2000	32.4 34.1	47.3 50.5		54.4 58.7		53•4 59•3					55•1 72•3	50.1 72.4	72.4			
3 800 ≥ 1500	35 • 4	51.2 53.9		59 <b>.7</b>		70.7 76.1		73.0 78.7			73.9 79.5			74.3 79.8		74.1 79.8
≥ 200 ≥ 000	37.2 37.9	55.4 55.9		55.2 67.4			31.9 35.1				54.4 87.8	97.8	£7.9	37.9		
2 90€ 2 800	37.7	56.1 56.6		6° • 0 65 • 7	9•3		ინ.3 37.8				89.1 90.8		91.7	91.0	89.3 91.1	91.0
≥ 700 ≥ 600	38.1 38.2	56.5 57.1	67.8	69.3 69.8	84.7	67.4	92.7	92.9	93.5	94.5	95.0		95.4	95.4		95.4
± 500 ± 400	38 • 3	57.2	64.	70.0 70.1	$\overline{}$	#5.2	92.1	94.9	95.9	97.4	98.4		99.2			39.2
± 300 ± 200	38.3		68.	73.1	25.5		92.4	95.1	95.7	97.6	98.5		99.5	79.5		9.6
- 100	36.3 39.3	57.3		70.2 70.2				95.3 95 <u>.3</u>				99.I	99.7	99.9 99.9		

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

CLOPAE CLIMATOEUCY ERANCH LOSSITAD ATTORICATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

CA TAN COTEATS

65-72,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

78.50							VIS	B . TY ST	ATUTE MIL	<b>E</b> 5						
1555.0	≥ 'C	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	2 : ½	≥1%	≥ '	2 4	≥ %	≥ 7	≥ 5/16	2 4	≥.
NO 1E 0N + ≥ 20000	19.4 25.7	25.3 26.6	27.5 29.1	28.2 29.7	31.9 34.0	33.1 35.5	33.6 36.0	34.9	75.2 37.5	75.7 35.2	35.4 38.5	35.7 32.8	3: • 7: 37•2	35.1 39.2	7:.9 39.5	75.7 77.5
≥ 18000 ≥ 5100	21.1 21.2	27. 27.2	29.5	30 • 1 30 • 2	34.6	36.2 36.4	36.7 36.0		39.7 30.5	7: -8 37.1	35.7	39.5 39.7		39.2 40.1	47.1	4 1 4 4
≥ 14000 ≥ 2000	21.5	27.5 27.8	30.2	31.0 31.0	35.7 35.4		39.5		39.7 40.1	39.8 40.5	47.1 47.9	41.2	41.6	40.9 41.5	41.7	
2 9000 3 9000	23.9	30.3 30.7	33.5	34.5	30.8 4.5	42.0	42.3 43.3	43.7	43.9	44.5	44.3	45.2	4 5 . 7		47.7	47.
≥ 8000 ≥ 2000 ≥ 5000	25.3	34.1 35.5		43.4		49.0	47.5 50.1	49.2	49.7 52.3	53.2	53.5	51.3 53.9	ر 1.5 <u>34.3</u>		-1.9 -4.5	51.9
≥ 5000 ≥ 5000 ≥ 4500	27.3 27.3	35 • 8 36 • 3	30.7 43.5 4.9	40.7 41.5 42.1	47.3 49.6 49.2	49.4 50.6	-1.9	52.2 53.8 54.4	52.7 54.7	53.5 55.2	53.5	54.3 55.3	3 ماؤد	54.7 36.3	55.5	54.9 55.0
4000 1500	27.9 23.5	37.4 38.3		43.3 44.8	57.9	51.3 53.3	54.3		-	57.5	56.2 58.3	50.6 58.5 61.4		55.9 50.3	37.1	54.0
2 300G	21.5	42.1	47.3	49.5	57.9	53.4 63.3	62.1	54.2 67.5	04.7		56 · 1	65.6	67.7	57.3	ε7.3 73.5	57.3
2000	33.9	45.3	51.5	53.7	64.1	66.9 67.8	69.	72.0	72.5	73.5	74		75.7		1	
2 150C 2 120G	34.9	47.2	53.7 55.1	55.a	58.3 71.2		73.7	75.8	77.3	75.4	79.1	79.7	31.2 34.1	50.2	50.5	
2 900	36.1 36.1	49.0	56.1	58.6 58.8	73.4	76.3 77.J		53.5 64.3	55.	85.5 36.2	86.9	87.6	57.4 58.1	87.5	37.8 34.5	57.5 46.5
2 800 2 700	35 • 2 36 • 2	49.1		59.3	74.4	79.1	82.6	55.2 85.9		83.5 89.5			93.5 91.9	90.6	97.9	70.9
≥ 600 ≥ 500 ≥ 400	35 • 2 35 • 2	49.1	56.9	59.8 59.9	75.9	€ 3.5	84.8	9.5	93.4	92.8	94.4	95.2	95.2	94.3	94.3 75.7	94.3
± 306 ± 200	36.2	49.1	56.3	59.9	75.9 75.9	8C.5	84.9	89.7	90.7	93.4	95.4	95.3	97.8	98.3	79.°	
. 100 2 7	35.2 35.2 35.3	49.1		59.9	75.9 75.1	90.5	84.9		93.7	93.4		96.3 96.5	97.8 97.8	98.4 98.5 98.7	<b>₹9.</b> 5	99.6 99.7

DEGRAL CLIMATOLOGY RPANCH DISFETAC AID WESTHIR SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION STATION AME KO

65-70,73-19

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

F. ~ ,							viS	B.** ST	ATUTE MIL	<b>E</b> 5	_					
0.56.7	≥15	≥6	≥ 5	≥ 4	≥ 3	≥2%	2.	≥ %	≥ 1 1/2	2.	≥ %	≥ %	27	≥ 5/18	2 4	2 ເ
NO 1E÷N - ≥ 20000	23.3 45.5	72 • 1 35 • 2	1 1	34.6 37.9	35.7 30.9	?5•2 4u•0		₹5.6		36.6	36 • ∪ 4 • §	74 4 . 5	34 <b>.</b> €	75.3 44.5	35.5 47.6	7 5 . 5 + <u>5 . 5</u>
≥ 18000 ≥ 5100	25.9 25.3	35 • 5 35 • 5	37.7	78.2 38.2	4 - 3			41.1	41.1 41.1	41.1 41.1	41.1	41.1	41-1 41-1	41.i	41.1	41.1
≥ 14000 ≥ 12000	25.9 25.7	35.8 35.5	30.3	3 • 6 39 • 6	41.1	42.4	42.0	41.3	41.5	41.d	41.2	41.8	41.5	41.3 47.4	41.8	41.5 45.5
≥ 9000 ≥ 9000	28.9	38 • 3 39 • 3	41.3	42.4	45.6	45.5	45.2	46.0 45.4	45.4 45.4	46.0	45.4	45.0	46.4	45.3	46.7	40.4
≥ 8000 ≥ 7000 ≥ 6000	31.7	43.4 45.1	46.5 48.4		51.2 57.4		52.5 55.8	52.5 55.5 55.3	58.9 5 <b>5.</b> 5	52.9 55.5	52.5 55.5	55.5	35.5	56.5 55.5	52.5	. 5 . 5
≥ 500C ≥ 450C	33.2	45.9 45.1	47.1	5 7 • 1	54.2 54.4	55.0	56.3 56.3	56.5 56.7		56.5		55.3   55.5   50.7	51.43   53.5   55.7	55.7 55.7	55.3   56.5   56.7	55.5 55.5 52.7
£ 4000 £ 3500	34.4	47.4	51 · 1		56.1 57.7	٠7.	5= .	53.5 63.2	38.5 57.7	56.5 50.2	50.5 50.5	55.5	5 . 5	55.5 52.2	53.5 50.2	5 3 . 5
2 3000 2 2500	35.1 43.4	52.5	57.5		67.9 69.4	<u> 65.0</u>	55.1	55.9	56.5	55.9	36.9 73.4	72.4			55.9 72.4	50.
2 80C	47.	57.1 57.6	64.5 54.5	55.6 55.2	73.7		76.2 77.2	77.3	77.3		77.3	77.3		77.3 78.3	77.3 78.3	
2 1500 2 -200 2 000	41.3	59.5 62.1	7 . 4		72 • 8 83 • 2		<u>31.9</u> 56.8	93.1	53.1 50.1	93.1	83.1 88.4	83.1 89.4	80.4	98.4		35.4
2 .000 2 900 2 804	44 • 1 44 • 1	53.3	71.3	74.4	86.8	99.1	90.9	92.5		92.9	93.3	93.0	93.0	93.0	93.7	32.6 23.7
2 700	+4.2	63.5 63.5 63.6	72.7	75.5 75.4 75.6	89.5 89.5	71.2	73.3	94.2 96.1 97.3	96.3	95.7		95.3 96.8 98.3	96.8	95.3 96.3 78.4	95.3 96.8 98.4	95.5
.: 500 - 40C	44.2	53.5	72.3	75.7 75.7	89.7	92.5	94.5 94.9	97.9	98.2		99.3	99.0	99.1	99.1	99.1	78.4 79.1
2 300 2 200	44.2	53.5 53.5	72.3	75.7 75.7	89.8		95.0	98.3	98.3		99.5	99.6	3. c	99.3	99.3	39.8
	44.2	63.5		75.7 75.7	89.8		95.0		78.3		93.5	99.6		99.5	99.9	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ = 212

GENEAU CEIMATOLOUY ERANCH Unifertac ata Weathir Stovicuzmac

### CEILING VERSUS VISIBILITY

- 244 STANTON GAR KO.

33-72,73-73

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 3-143

	i						.15	B . ** 51	ATUTE MILE	E S						
145614	2 :	≥ 6	≥ 5	≥ 4	≥ 3	53%	≥.`	≥ . ′′,	21%	١ خ	≥ %	≥ %	≥ ∨.	≥ 5/16	≥ 4	<b>≥</b> 0
4 2000C	17.2	33.9	36.5		1		- 1	36.7		35.7		30.7		35.7	34.7	
≥ 18000		41.7								41.5		41.9	41.9		41.5	
\$ 5000	30.0	41.3	41.3	41.8	42.1 42.2		42.3	42.3	42.3	42.2	42.3	42.3	4 ( • ?)	42.3	40.2	42.7
≥ 14000	71.1	41.5	42.3	42.5	47.3	43.4	4 2 4	43.4	43.4	43.4	43.4	47.4	43.4	43.4	42.4	43.4
≥ 2000	32.5	43.3	43.9	44.0	45.5	45.5	45.5	45.6	45.6	45.5	45.5	45.6	45.5	45.5	45.5	4:.5
≥ 1000€	34.0	45.2	46.7	47.1	45.6	43.3	49.8	48.8	48.5	46.0	49.5	45.5	40.3	43	42.9	
≥ 9000	34.3	40.5	47.3	47.4	4: 9	49.0	49.5	49.0	47.	49.	49.7	40.0	47.	49	49.3	49.0
≥ 800C	35.3	48.1	49.9	50.3	51.9	52.2	5.7 . 3	52.3	52.3	52.3	52.3	= 2 . 3	50.7	52.3	2.3	52.3
≥ 7000	39.4	50.8	53.1	53.7	56.4	56.3	57.3	57.D	57.	57.5	57.	57.	270	٠7.	57.2	7
≥ 6000	33.4	50.8	53.1	53.7	56.4	55.3	57.0	57.0	⇒7.•°	57.3	57.0	57.	= 7 . 3	57.	37.0	* 7 • I
2 5000	39.4	51.5	54.1	54.6	57.4	57.8	57.9	57.9	57.9	57.9	57.7	57.0	57.7	57.3	57.7	27.5
₫ 4500	39.5				57.7		5 P • 2							58.2		
2 400t	41.4	54.2	56.7	57.2	6:1	50.5	6C.7	53 <b>.7</b>	63.7	6 . 7	62.7	51.7	5~.7			
2 3500	42.5	56 • <b>1</b>					63.5				63.5		53.5		0.5 • 7	
2 3000	47.5			68.0												
2 2500	50.4		72.3				78.3							78.5		
2006				78.1												
≥ 800 ≥ 1500	I T	71.9		79.6			85.7		85.8							
	54.4	75.3					91.5									
≥ 200	55.4	77.5					94.5		94.7		94.9			94.9		-
l	55.4	78.1					76.7									
2 80¢	57.4	70.7	í I			' '	97.3				97.8				98.3	
	57.5	79.3				97.1			98.4							
≥ 700 ≥ 600	57.5	79.3	86.3		95.6				98.9				98.9			- 1
	57.5	79.1					98.9									
500 400	57.5	79.1							99.5		99.7		99.7	99.3		59.5
	57.9	79.1					99.2							100.7		
2 300 2 200	57.5	79.1									-					1
	57.5	79.1					99.2						99.9			
900	57.5	79.1		87.7 87.7			99.2				99.9					
L	<u> </u>	170	_ 50 • 5	2101	7 3 6 9	71.0	7706	77.0	77.0	77.7	77.7	7707	77.9	<u> </u>	<u> </u>	

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

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SEDPAL SLIMATOLOGY BRANCH UNAFETAS AIN WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

STANTON MAP KO

50-70,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TE . N HEETI		VISIBLITY STATUTE MILES														
	≥ 5	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ : ½:	≥1%	ا≤	≥ %	≥ %	≥ ٧.	≥ 5/16	2 4	≥ દ
NO 1EUNO ≥ 20000	13.7	39.4				43.9	40.9	40.9	43 <b>.</b> 9	40.0	40.9	40.9	4 . 7	40.9	4:.9	46.5
	<u> </u>	46.1	47.7			43.D	49.0	48.3	43.0	43.3	46.0	45.0	42	48.0	43.07	4000
≥ 18000	32.5	45.1	47.9	47.9	45.7	43.3	48.3	48.0	48.0	43.5	45.7	45.0	40.7	46.0	45.0	48.0
≥ 3006	32.5	46.2	43.	4 %	4 2	40.2	42.2	48.2	48.2	45.2	48.2	45.2	4 - 2	45.2	43.2	48.2
≥ 14600	23.2	47.1	49.1	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.0	49.2	45.2	49.2	49.2	49.2
≥ .500C	34.4	43.4	50.7	5C • 7	51.0	51.0	51.3	11.0	51.	-10-1	51.	51.J	51.0	31.0	51.0	31.0
≥ ,0000	36.5	51.1	53.5	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 9000	36 • 3	51.6	53.9	54.4	54.9	54.9	54.9	54.9	54.9	54.7	54.7	54.9	54.9	34.9	54.9	54.9
≥ 800C	39.3	55.4	58.3	58 • 8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	£9.5
≥ 7906	42.2	60.Q	63.1	63.7	65.3	<b>δ5.3</b>	55.3	65.3	65.3	65.3	65.3	65.3	55.3	55.3	55.3	55.3
2 6000	42.2	60.0	63.1	63.7	65.3	65.3	65.3	55.3	65.3	65.3	55.3	65.3	J5.3	65.3	55.3	65.3
≥ 5000	42.5	60.3	63.4	64.0	65.6	65.6	65.5	65.6	25.6	65.6	65.6	65.5	55.6	65.6	5 - 5 ن	55.6
≥ 4500	42.7	63.4	63.5	64.1	65.7	55.7	65.7	55.7	65.7	55.7	65.7	65.7	55.7	65.7	55.7	55.7
± 400€	44.2	62.5	65.3	66.5	63.2	68.2	68.2	68.2	68.2	68.2	68.2	65.2	6 - • 2	58.2	69.2	58.2
≥ 350C	45.5	64.5	67.9	68.4	70.3	73.3	71.3	70.3	73.3	70.3	70.3	73.3	77.3	73.3	70.7	3
≥ 3000	50.5	72.5	75.1	75.8	79.2	79.3	79.3	79.6	79.5	79.6	79.5	75.5	79.5	79.5	7	_ • 6
± 2500	52.3	75.3	79.3	80.1	82.6	82.9	83.7	83.3	83.3	83.3	<b>33.3</b>	93.3	83.3	<b>53.3</b>		1
2 2000	34.7	73.4	93.5	23.8	87.4	87.9	88.0	88.5	88.5	88.5	88.5	88.5	88.5	38.5	88.5	53.5
≥ '800	54.9	79.3	83.5	34.3	88.0	88.5			89.1			89.1		89.1	59.1	99.1
₹ 1500	55.9	81.	86.7	37.4	91.9	92.5	92.6	93.1	93.1		93.1	93.1		93.1	93.1	93.1
≥ 1200	58 . <b>3</b>	83.3	83.9	89.7			95.3		96.2	96.2		96.2	96.2		96.2	96.2
≥ .000	58.3	83.3	89.2			95.7	96.3				97.3	97.3		97.3	97.3	
₹ 90€	50.4	83.6	89.5	90.3	95.6		96.9					97.9		97.9		07.9
≥ 804-	50.6	33.6	87.5						1		1	98.4	- 1			20.4
≥ 700	58.6	83.5		90.3	96.3		97.8					98.8		98.8	98.3	98.6
≥ 600	52.6	83.6	89.7	93.4					99.1	99.1	99.1	99.1	99.3			-
≥ 500	58.5	83.6		9 . 4					99.4	_	99.5	99.7	99.9			
≥ 400	58.6	83.5		95.4		97.8		99.4	99.4					100.0		1 23 . ól
≥ 300	58.6	83.5		90.4	96.8	97.8	98.4	99.4	99.4		99.6	99.7				ם.ביו
≥ 200	53.6	83.6	1	90.4		97.8							133.0			100.0
j+ 106	58.6	83.6		90.4	96.9				99.4		99.5			100.0		
2 0	58.6	83.6	1 1	90.4		97.8		99.4	- 1		99.6					
	2000	0 2 4 0			,,,,,	, , , ,	,,,,,,	7703	7 / 9 71	,,,,,	· · • • • •	· · · · · · · ·			<u> </u>	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 677

SESTAL TLIMATOLOGY BOARCH Unatedad Athacather Service/Mac

## CEILING VERSUS VISIBILITY

55-77,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

F.N.		VISIBLE TY STATUTE MILES														
	≥:0	≥6	≥ 5	≥ 4	≥ 3	53%	≥ 2	≥ , %	≥1%	≥1	≥ 4	≥ %	≥ ٧.	≥ 5/16	2 4	≥0
••10 1 E.U.N + ≥ 20000	24.3 -7.0	36.7	34.5 38.6	34.7 34.9	36.2 42.5		36.3 41.3		37.2 41.8	37.4	37.4 42.0	37.5 42.1	37.6 42.2	37.5 42.2	37.7 42.3	
≥ £100 ≥ £100	27.2 27.3	37.3 37.1	38.9	79.1	41.3		41.7	42.1 42.2	42.2 42.3	42.3	42.4	42.5 42.6	42.5	42.5	42.5 42.8	42.5
≥ 14500 ≥ 2000	27.7 28.5	37.6 36.9	39.4 45	39 . 8 4 9	47.0		47.7	43.1	43.? 44.6	43.3 44.5	43.4	43.5 45.0	43.6 45.1	43.6	43.7	43.7
≥ 100k, ≥ 900¢	30.5 30.6	4).9 41.2	43.3 43.5	43.9	46.7 47.2		47.5	48.J	44.5	4 = .2 4 <u>3 . 6</u>	46.0	49.5	40.5 49.1	45.5	48.5 40.1	48.5 49.1
≥ 8000 ≥ 7000	33.0 34.9	44.3					52.7 56.5	53.3 57.1	53.4 57.2	57.5	57.5		53.9 57.7	57.7	57.9	
≥ 6000 ≥ 5000	34 • 8 35 • 2	47.5	1	51.5 52.1	-	56 • 2 55 • 9			57.5 53.3	7	57.8 58.5	57.9 55.7	59.3 53.3			58.9
≥ 4500 ± 4000	35 • 4 36 • 6	i .	51.5 53.4	-		59.3		60.6		51.5	59.7 61.1		51.3		61.4	
2 1500 2 1000	37.6		51.5	62.6	67.7	68.9	69.6	70.5	70.6	73.9	71.5	53.3 71.1	71.2	71.3	71.3	71.3
2500 2000	43.3 45.1		60.2	9.6	75.7	78.1	79.1		80.5	50.7	83.3			81.1	51.2	75.9 21.2
≥ 800 ≥ 150C	45.4	65.2	71.7	73.1	81.6	€ 3 • 2	84.5		85.9	86.2	86.4		35.7	92.2		
2 1200	48.3	67.5			56.9	88.9	90.6	92.3		92.9	93.1	93.3		93.5	93.5	93.5
2 900 ≥ 800	46.5	68.7	75.5		89.1	90.3	92.1		94.3		95.1	95.3	95.4	95.5	95.5	
≥ 700 ≥ 600	48.6	63.1	75.5		88.9	91.5	93.6	95.9		96.9	97.3	97.5	97.7	97.8	97.9	97.F
2 500 2 400	48.6 48.6	68.1		77.8 77.8 77.8	89.2	-	94.1	96.5	96.7 96.9	97.8	98.5		99.7 99.2	99.2	99.4	95.9
2 200	48.6	58.1	75.3	77.8	89.2	91.9	94.1	96.5	96.9	97.8	98.5	98.8	99.3	99.5	99.3	79.9
÷ 100		1	75.8			91.9									99.9	

TOTAL NUMBER OF OBSERVATIONS \_\_\_

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF

SLURAL CLIMATOLOGY BRANCH UNAFETAC ATA WEATHER SERVICE/MAC

## CEILING VERSUS MISIBILITY

STANTON AF CO

63-77,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TEN							v15	·β. ** 51	ATUTE MIL	<b>E</b> S	····					]
PEES!	≥ :0	≥6	≥ 5	≥ 4	≥ 3	≥3%	≥ï	≥ . ½	≥1%	≥1	≥ ¼	≥ %	≥ ∨.	≥ 5/16	2 4	≥.
NO 1 € UNI - ≥ 2000C	23.7 25.2	32.4	34.2		39.9 45.2			43.1 45.5	43.5					47.4		47.5
≥ 18000 3 5100	25.2 25.2	36.7 36.7	39.9	39.7 39.7				48.8 49.0	49.1	53.5 50.9	51.2	51.2 51.3		53.1 53.3	53.5	53.6 53.7
≥ '4600 ≥ 2000	25.1 47.3	36.3 38.2		42.5	43.7	49.2	51.2		52.2	53.7		52.4 54.1		54.4 55.1		54.9 50.5
± 9000 ≥ 9000 ≥ 8000	32.2 33.3	43.7	47.4	40.8	56.9	53.2	67.3	63.9	61.4	61.5	53.5	63.5			55.8	65.3
2 7000 2 7000	36 • 9 38 • 1 39 • 4	48.5 49.9 53.5		55.6	63.7	65.1	67.6	ან.6 <u>ნწ.5</u>	69.0	70.7	71.1	55.2	72.5	73.1	73.5	73.5
2 5000 2 4500	39.9			55.8	64.9	56.2	68.8	59.6	73.2	71.3 71.3 72.4	72.2		73.6	7406	74.1 74.5 75.2	74.6
± 4000 ± 3500	39 · <u>7</u>		56.6		66.7	68.1	72.7	71.7	72.2	75.9	74.7	74.3	75.7		75.7	
2 3000 2 2500	42.7	56.9	61.7	62.8		73.1	76.2		77.8	79.5	79.9	79.9	51.3	31.9	52.3	
2 800	43.4	57.9 57.9			75.6	77.1		82.0	82.6	84.4 94.5	85.1	85.1	86.6	37.2	37.3 37.5	97.5
2 1500 2 1200 2 000	44.4			46.0	76.9	78.4	82.7	94.2	65.2	85.8 97.3	89.0	88.0	89.5	92.1	90.5	₹J.5
- 900 - 900	44.5	- 1	63.3	60.2	78.3	79.9	84.3	35.5	67.4		90.4	90.4	91.9	92.5	92.9	93.5
2 700 2 600	44.5	58.7 58.7 58.7	64.2 64.2	66.5		80.5	35.8	87.9	89.0	90.8 91.4 92.1	92.1	92.1	93.6		94.5	94.7
2 500 2 400	44.5		64.2	56.5	78.5	F0.6	86.1	88.3	89.4	92.9	93.6	93.7	95.5	95.2	96.7	96.6
2 300 2 200	44.6		64.2	65.5	73.5	83.9	86.6	98.8	90.1	93.6	94.3	94.4	95.5	97.4	99.	98.3
3 100 2 0	- 1	58.7 59.7	64.2		79.7 76.7					93.7 93.7		1	97.1 97.1			99.9 1 10.0

BUTBAL CLIMATOLOUM BRAACH Districtor At Wiath-In Serviction

### CEILING VERSUS VISIBILITY

43-77,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

,7]]-11]-HOURS (LIS.T.)

*F. N.	j						viS	:B (:"∀ 5T;	ATUTE MIL	ES						
(*f£.)	≥ 10	26	≥ 5	≥ 4	≥ ;	≥3%	≥ 2	≥ √7.	≥1%	ž1	≥ /4	≥ %	≥ ۷,	≥5/16	≥ %	≥ ડ
NO ECNI 2 200HU	2.1	41.5 45.5				4 3 • 3 5 • 0	49.1 56.0	49.5 56.4	49.7 56.5		50.1 56.9	50.1 55.9			5 • 2 5 <b>7 •</b> 2	5.0.2
≥ 18000 ₹ 5 HW	22.1 32.2	45.5		50.6	54.5 54.6	55.2 55.4		56.5 56.3	55.5 55.9		57.0 57.0	57.3 57.3	57.0 57.3		57.2 57.4	57.9
≥ '4000 ≥ 2000	34 a 8	47.5 49.5	57.5 53.7	51.5 54.4		55.5 53.1	51.1	51.5	58. 51.6	56.3 61.6		53.4 52.3	5°.4 5°.3	58.4 02.3	58.5 52.1	56.5 52.1
± 9000 ₹ 9000	39.5	54.6 55.3	60.0	67.8	67.4	57.5 55.2	59.1	59.7	59.1 69.9	69.8	59.5		7: .2	7[.2	50.7 70.3	3
≥ 900C ≥ 700C	45.9	52.1	67.7	59.3	75.9	76.8	77.7	76.1 78.3	79.4	78.4	79.5	75.5 75.8	7:.8	76.5 78.5	75.3	7009
2 6000 2 5000	46.3		68.3	69.9		77.3	78.4		79.1	79.1	79.5	79.3	77.5		79.5	79.6
2 4500 2 4000 ≥ 500	47.		71.3	73.2	77.7	3 2 . 7	79.7	82.1	32.3	95.4 82.3	80.8 32.7			32.7	32.9	92.8
2 1006 2 1006	53.9		75.	74.5 77.2 75.5	84.4	32.4 55.4 87.2	<u> 56.3</u>	86.8	87.0	87.0	54.4 87.4 89.3	97.4		34.4	37.5	97.5
200°	1 • 4 52 • 1	70.1	76.2 77.1	79.3 79.6	87.9	87.4 89.4	90.6	88.7 91.3 91.7	38.9 91.4	91.4	91.8	97.3 91.3 92.2		91.8	89.4 91.9 92.3	91.9
200	<u>ئو 5 د</u> 2 و 5 د	73.7	73.3 78.4	80.8	87.7	91.1	92.3	93.0	93.2	93.2	93.6	93.5	93.6		93.7	≎3.7
2 900	57.5	71.1	73.7	91.1	91.7	93.2	94.5		95.3	95.4		95.8		95 · 8	96.2	96.2
2 ROX-	52.6	71.4	79.1	61.5	92.1	94.2	95.3	96.0	96.1	96.2	96.5	96.6	96.6	96.6		96.5
≥ 500	52.6		79.2		92.9	94.B	96.1			97.7 98.1	98.4	98.4	98.4	98.4 99.1	98.5	
≥ 400 ≥ 300	52 • 6		79.2 79.2			94.9	96.5 96.5		97.7	98.3 98.4	99.3	99.3	99.5	99.2	99.3	99.3 99.7
± 200	52.6	71.4	79.2		92.8 92.8	94.9		97.3			99.3	99.3		99.5	99.7	
: 0	52.6	71.4	79.3	81.7	92.9	95.0	96.6	97.4	97.9	98.5	99.5	99.5	99.6	99.7	99.9	100.0

SLOBAL CLIMATOLOCY BRANCH AT - MEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

STANTON PAR KO

68-70,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TE ( N/)							v(5)	B.L.TY ST	ATUTE MILI	ES						
(FEET)	₹.c	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ . ½	≥1%	≥1	≥ ¼	≥ %	≥ 4.	≥ 5/16	≥ '4	≥
NO 1E HNH ≥ 20000	34.7	49.3 57.8	57	50.5 50.2	51.9		52.5	52.0 51.6	52.0 61.6	52.0 51.6	52.0 61.5	52.0 61.6	52.3 61.6	52.7 51.5	52.7 51.5	51.5
≥ 18000 ≥ 6100	42.3	58.3 58.9		5°•6 61•2	61.9		62 • 1 62 • 7	62.1	52.1 52.7	62 <b>.1</b>	62.1 £2.7	62 • 1 62 • 7	62.1 62.7	52.1 52.7	57.1 62.7	52.1 52.7
≥ 14000 ≥ 12000	43.5 45.1	59.7 51.6	61.5 63.7	62•1 54•1	63.4		63.5 65.9	53.5 55.9	63.5 65.0	63.E	63.5 65.9	63.5 65.9	57.5 65.9	53.5 55.9	53.5 55.9	63.5 55.7
≥ 2000 ≥ 2000	49.3	55.3 56.6	68.7 69.1	69.1 69.4	77.9 71.2	73.9 71.2	71.3 71.3	71.3 71.3	71.3 71.3	71.3 71.3	71.7 71.7	71.3 71.3	71.2 71.3	71.3 71.3	71.3 71.3	71.7 71.3
≥ 8000 ≥ 7900	52 <b>.1</b> 5 <b>3.3</b>	70.6 72.0		73.5 75.4	75.3 77.2		75.4 77.3			75.4 77.3		75.4 77.3	7 4 7 7 - 3	75.4 77.5	75.4 77.3	75.4 77.3
≥ 6000 ≥ 5000	53 <b>.</b> 3	72.5	75.1 75.5	75.5 76.0	77.3		77.5 77.9			77.5 77.9	77.5 77.9	77.5 77.9	77.5 77.9	77.5 77.9	77.5	77.5
≥ 4500 ≥ 4000	54.3 55.9	73.1 75.3		76.6 78.8			78.5 <u>80.7</u>	78.5 83.7			79.5 83.7	78.5 83.7	7°.5 85.7	78.5 30.7	78.5 53.7	
≥ 3500 ≥ 3006	57.1 62.d	76.5 82.0	85.7	85•4 86•7	82.1 89.3		82.3 89.5	89.5	89.5	89.5			39.5	32.3 39.5	39.5	
≥ 2500 ≥ 2000	61.6 52.4	93.5 84.9		88.1 93.3	97.8 94.0		90.9 94.1	90.9	94.1	90.9 94.1	93.9 94.1	90.9 94.1	90.9 94.1	90.9 94.1	94.1	90.9
≥ 800 ≥ 1500	52.8 £3.7	35.5 8 <u>6.5</u>	91.1	91.1 92.7		96.5			96.8	96.8	96.2	96.8				<b>76.</b> 3
2 1206 2 1000	53.9 64.1	97.1 37.4	91.5	93.7	98.0	98.4		97 • 8 98 • 8	98.8	98.8	98.8	98.8	98.8	98.3		98.8
≥ 900 ≥ 800	54.1 54.3	37.4 37.6	92.1	93.7	98.0				59.4	99.4	99.4	99.4		99,4	99.4	29.4
≥ 700 ≥ 600	54.4	87.6 37.7	92.2	93.9	98.4	99.1	99.1 99.4	99.7		99.9	99.9	99.9	99.9	99.9	59.9	
≥ 500 ≥ 400	54.4	37.7	92.2	94.0	93.7	99.3	99.4	99.9	99.9	100.0		100.0	100.0	150.5		
≥ 300 ≥ 200	54.4			94.1	98.7		99.5	99.9	99.9	100.0 100.0	100.0	190.0	133.3	123.3	100.0 100.0	130.3
≥ 106 ≥ 9	54.4	87.7 87.7		94 • 1 94 • 1	_		99.6			100.0 100.0		1			100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

GECHAL CLIMATOLOUM HRAICH C FELTAC A . KEATHLH SERVICEMAAC

## CEILING VERSUS VISIBILITY

STANTON STANTON ASE KIN

52-7 ,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

78.80	-					-	<b>-15</b>	.B . ** 51	ATUTE MIL	£5						
//56Tv	≥ 0	≥6	≥ 5	≥ 4	≥ }	≥2%	≥ ;	≥ . ٧.	≥1%	≥1	≥ 4	≥ %	≥ ″	≥5/16	2 4	≥ ċ
NT 1EUN 2 27000	34.7 42.1	5 5 6 C . 1	52.1		52.3	52.3				52.3 51.3						
≥ 18000 ≥ 5100	42 • 7 42 • 7	50.3 60.8				52.7 62.7	62.7	62.7	52.7	62.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14600 ≤ 2900	43.2 45.4	51.5 54.7				63.3 56.5			53.3 65.5			53.3 55.5			53.3 56.6	
± 1966€ ₹ 960€	49.5	70.5 70.5				71.9								71.5 72.4		71.9 72.4
2 8000 2 1900	53.2 5 <b>5.</b> 2		76.8 79.7			77.1				82.7	86.7			77.4 83.7		
3 6000 3 5000	55.2 55.7		79.7 87.3			90.3 81.0		-1.3		31.3	30.7 31.3			40.7 81.3		
≥ 4500 2 4000	56.5 58.3		83.3	84.1	84.4	82.2 54.4		84.7		84.7			34.7		64.7	24.7
≥ 3500 ≥ 3000	59.4 63.7		91.3	\$1.9	92.2	36.4 92.2	92.5	92.5		92.5		92.5	92.5		92.5	92.5
± 2500 ± 2000	55.2 36.1	90.3	54.9	95.6	96.6	94.2 96.6	96.9	96.9		96.9		96.9	96.9		96.9	
≥ 1800 ≥ 1500	56.5 6 <u>5.6</u>		95.3	75.1	97.5	96.9 97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.3	98.0
≥ .000		92.4		96.4	98.1	98.J 98.1	98.4	98.4	98.6	98.8	98.3	98.8	98.8	98.5	99.8	98.8
	06 • 8 56 • 8		95.5	95.4	98.3	98.3	98.8	98.8	98.9		99.1	99.1	99.1	99.1		59.1
≥ 700 ≥ 600			95.5	96.6	98.4	98.3 98.4 98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500 ≥ 400 ≥ 300		92.4		96.9	98.8	98.9 98.9	99.5	99.5	99.7		99.5	99.8 99.8	99.8	99.8		99.3
2 200	56.8 56.8	92.4		96.9	98.8	98.9	99.5	99.5	99.7	99.8	99.3	99.9	99.8	99.8		99.8
2 0	56.9	1	95.9			99.1										

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 541

SEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHIN SERVICEZMAC

# CEILING VERSUS VISIBILITY

STANTON SAF KS

68-73,73-19

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

F.N.							vis	IB., ** ST	ATUTE MILI	ES			•			
/FETA	≥15	≥6	<b>≥</b> 5	≥ 4	≥ 3	≥2%	≥.;	≥ . %	≥1%	≥1	≥ %	≥ %	≥ ∨.	≥ 5/16	≥ 4	≥
NO CEUNO ≥ 20000	ამ•4 35•0	42.9					43.9		40.2 57.1				5 · 2 5 · 3	50.4 58.2	5°•5	
≥ 18000 ≥ 5100	35.2	50.0	52.4	53.0	55.0	56.3	57.1	57.3	57.5	57.9	5 ª • 1	59.1	54	58.5	58.7	56.7
≥ '4600	35.4	50.2 51.0			56.1 57.0				57.7 58.7				59.5	58.5 59.5	59.0	
≥ 2900	37.8	53.1	55.7	56.4	50.7	63.2	51.0	€1.2	61.4	61.5	62.0	62.0	£2.3	62.5	62.6	56.6
≥ 9000° ≥ 9000°	42.2	58.2 53.9			55.0 66.8				67.8 58.5	68.3	69.E	50.5 57.2	5~•9 5°•5	59.3 69.7	59.1 59.9	59.1
≥ 800C ≥ 100C	45.4	53.2	65.5	67.5	71.7	72.3	73.2	73.5	77.7	74.1	74.3	74.3	74.7	74.5	75.3	75.1
2 6000	45.0	55 · 3	6°•1	70.1	74.4	75.0	75.0	76.4	76.5	77.	77.2	77.2	77.5	77.7	77.9	77.9
≥ 450C	48.4	55.7 66.4				75.4 76.3			77.9				79.0		79.2	
: 400L	50 <b>.4</b>	63.1		73.1	77.6	78.2	79.3	79.7	79.9	80.3	aC.5	30.5	53.9	51.7	51.2	
2 3500 2 3006	51.3	69.3	1			79.8			31.4 96.5		82.1			32.5 57.7	82.7	92.7 27.8
± 2500 ± 2000	55.7	74.4		80.7		86.6	37.8	58.3		RB.9	30.1	89.1	89.5	92.5	85.5	99.5
2 1800 2 1500	56.	75.9	8 1 . 3	92.4	28.6	39.4	9n.7	91.3	91.5	92.0	92.2	92.2	77.6	92.7	65.3	02.0
≥ 1206	55.4	76.4				93.5			92.7		93.5				94.7	94.2
2 .000	56.5	76.3	82.0	83.8	91.1	92.0	93.8	94.4	94.7	95.4	95.7	95.7		96.2	76.3	
± 90€ ± 80€	56.8 56.7	76.9 76.9	1 1	83.9	_	92.2			95.3 95.6	95.7 96.3				96.5 97.1	96.6 97.2	96.7
≥ 700 ≥ 600	56.7	76.9	82.2	64.1	91.6	92.7	94.7	95.5	95.9	96.7	97.3	97.3	97.4	97.5	97.7	97.7
2 500	55.7	77.	82.3	84.3	91.8					97.1		97.5 98.1	97.9	98.1	98.7	96.3
? 40C	56.7	77.3	82.3	84.3	91.9	93.3	95.4	96.2	96.7	97.8	98.2	98.3	98.8	99.3	99.1	99.2
2 300 2 300	56.7 56.7	77.3	82.3	94.3 84.3		93.3 93.3		96.3 96.3	96.7	97.9 97.9				99.2	99.4 99.5	99.5
- 100	55.7	77.0	82.3	84.3	92.0	93.3	95.4	96.3	96.8	97.9	98.3	98.4	99.1	79.4	99.5	99.9
<u> </u>	56.7	77.3	82.4	34.4	92.0	93.4	<u>95.5</u>	96.4	96.8	98.0	98.4	98.5	99.1	99.4	99.7	1 [0.D

COLHAG COIMMTOURDY RRANCH O ARCTHO IN WEATHER SERVICEMAC

## CEILING VERSUS VISIBILITY

STATION STATION NAME

65-70,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

577-757. HOURS (L.S.T.)

14.							¥1S	8. ** 51,	ATUTE MIL	ES.						
"FETA	≥ :	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	≥ . ½	≥1%	≥1	2 4	≥ %	≥ ″	≥500	2 4	≥
NO EUN ≥ 20000	34.3	41.5	4 = . 3 4 = . 2	1 .1	57.1 61.5	51.5 £2.1	გე.4 გყ.≎	'l.s	52.1 66.7	43.5 58.1	64.7 55.6	54.6 69.0	5 . 9		76	, ,
≥ 18000 ≥ 3.00	34 • 3 34 • 3	44.9	40.4 45.4		61.8 61.8	52.4 52.4	55.1 65.1	55.5 65.5	აგ.∓ გგ.∀	54.3 69.3	56.9 58.9	5 + • 5 + • 3	7 • 1 7:•1	70.2 70.5	7".9 7".8	71.4 71.4
≥ 14600 ≥ 2900	34.4	45.7	49.6 50.7		52.1 52.8	62.6 53.5	ა5•4 66•1	65.8 57.5	57.° 68.1		59.4	59.3 75.7	73.8 71.7	71 • 3 72 • 1	71.5 72.4	72.1 71.9
≥ 1000C ≥ 900C	35.4 35.7	49.4	54.5		67.1 67.6	67.8 66.3	77.6	72.1	77.5 73.1	74.2	74.7	75.1 75.7	75.1 75.7		75.8 77.4	
≥ 9000 ≥ 2000	38.8 38.9	52.5	58.5	63.7	71.3	72.9		75.3 77.4	77.5	79.5	79.	80.6	5 .4 51.5	2 · 1	∃2.4	2 3 9
≥ 5000 ≥ 5000 ≥ 4500	38.9 38.9	52.8	58.9	61.0	72.5		75 • 1 76 • 1	77.6	78 • 1 78 • 1	79.9 <u>79.9</u> 79.9		83.8 83.8	51.8 11.3 81.5	22.4 22.4	32.5 32.5	93.2 33.2
£ 4000	39.7	52.3 53.3	59.7	62.1	73.9		77.5	79.3	79.4	91.4	51.3 33.1	82.4 83.5	53.3 54.4	33.9	44.2 45.3	
2 3000 2 2500	42.1	56.4	53.1	55.7	78.6	79.3	82.5		34.9	36.2	<u> 37.5</u>	57.8 99.3		59.4	89.7 91.3	90.5
2 800	+2 • d → ? • 9	1	55.1	67.8	81.0	P1.8	85.1	87.8	88.2	91	-		92.4	92.3	93.2	93.5
2 1500	42.4	57.9 57.9				83.2 3.5			89.9		92 <u>.2</u> 92.6	92.6	93.9 94.3	95.	94.7 95.3	
≥ 990 • 960 ≥ 804	42.d	57.9 57.9	65.3	63.2	82.9	84.2	97.6	90.4	90.9	93.2		34.6	95.3		95.9	97.5
2 700	42.9	57.9	65.5	58.2	83.1	94.4 94.4	37.9	99.7	91.1		94.4	94.9	96.3	96.9 97.1	97.4	98.3
2 50U 2 40C	42.9	57.9 57.9	6° • 3	69.2	83.1	54.4	57.9	90.7	91.1 91.1 91.3	93.6		95.0 95.3	- 1	97.4	97.5 97.6 98.1	96.5 95.0
2 300 2 200	42.3	57.9	69.3	65.2	57.1 83.1	94.4	38.1	90.8 90.8	91.3		95.	95.4	76.9	98.1 98.2	99.5	59.7
. 106	42.8	57.3	55.3	69.2	83.1	24.4		93.8	91.3		95.0	95.4	95.9	38.2		1,76.5

TETRAL DETMATHEDAY HRANCH U AFFTAC ETH WINTHIN SETVACHYMAL

### CEILING VERSUS VISIBILITY

64-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9 3 2 - 1 1 1 7 HOURS (L.S.T.)

							¥15	8. ** 57.	ATUTE MIL	ES						
e-887)	2 1	≥ 6	≥ 5	≥ 4	≥;	≥2%	≥ ;	≥ √2	≥11/4	≥ `	≥ ′4	≥ %	≥ 1/.	≥ 5/16	2 4	≥.
47 E: NO 2 20000	→. • ± →2•1	52 • .1 54 • 9	5 . 4	57.9 52.2			64.6 67.9	1	-	£5.4 75.7		55.5 71.j		45.7		55.7 71.3
≥ 18000 ≥ KBM	42.1	55.4 55.5	5 • 3 6 • 3		59.6 69.7	7.•1 71•2		71.1 71.3		71.4 71.5	71 • 7 71 • ±	71.7 71.5		71.5 72.5	71.9	71.3
≥ 14000 ≥ 2000	42.3	55.5 56.4	6 . 3 51. s	61.4 63.8			7°•7			71.5 72.7		71.3 73.0	7 - • 7	73.2	72.0 73.2	7.3 • 73 • 2
± 400€	46.2 46.7	63 <b>.1</b> 53.3	6 <sup>2</sup> .5	67 <b>.7</b> 68 <b>.</b> 3	- 1		76.5 77.6		77.7			77.7 78.7		78. 79.	78.7	7
≥ 8000 ≥ 1900	49.2	54.5 65.5	75		81.2 83.3		:2.5 33.6		53.3 84.4		87.7 34.8	23.7 94.5	34.1 85.1	94. 55.	44.0 55.0	84.7 35.0
≥ 6000 ≥ 5000	3 u • 3	66.1 56.3	72.4 72.3		83.1 83.5	3.9 54.3		- 1		95.3 85.7	55.5 86.0	95.5 85.0		45.€ £5.3	5.5 € A 5.6 € 2	95.8 95.2
: 4500 : 4000	57.4 51.3	66.3 67.2	73.1		83.0 85.3	84.5 26.2				36 • 1 = 7 • 7	85.4 8 <b>7.</b> 9	36.4 57.9	56.5 51.2	86.5 36.2	56.5 98.2	85.5 85.2
2 1500 2 1000	31.6	57.5 59.5	74.9	77.6 79.5	)	89.1		57.7 93.4		5c.1 5 <u>2.5</u>	55.3 91.1	93.3 91.1		₹8.5 91.3	50.5 31.3	35.5 31.3
2500	53.1 53.2	59.5 70.6	77.7	39.4 82.0	91.2	91.4	92.9	91.9 93.5	94.1	94.2	94.5	92.7 94.5	94.9	92.9 94.9	92.9 94.9	92.9
2 800 2 1500	53.9	73.5 75.9	79.1 79.7	52 <b>.</b> 5	92.3	92.3	94.1	93.8 95.0	94.1 95.3	95.4	94.5 95.7	94.6 95.8	94.9 95.1	94.7 96.1	94.9 96.1	94.3 90.1
200	53.4 54.1	79 71	79.7	12 <b>.5</b> 92 <b>.7</b>	97.9	94.6	95.7	¢6.6	97.0	97.1	96 • 3 97 • 5	97.3	98.0	96.7 98.	96.7 95.7	95.7
90% 2 804	4.1 4.1	71.	7→•±	92 <b>.7</b> 52 <b>.7</b>	92.9	94.6	95.7	96.6		97.2		95.3	99.3	98.0 98.3		75. 75.3
2 600 2 600	54.1 54.1	71.1 71.1	79.3	82.7	92.9	94.6	95.7	96.6	97.0	97.2	97.9	95.2	95.5	98 • 5 78 • 5	93.7 93.7	75.0
2 500 400	. u . 1	71.3 71.3	79.3	82.7 82.7	92.9	04.6		95.7	97.4	97.4				99.7	43.3	99.5
200	4 • 1	71.0	79.8	82.7		94.6	95.8 95.8	96.7		97.5		93.7		79.1		99.5
- 10	54.1	71.1	79.8	82.7 82.7	93.2 93.2	94.9	96.1		97.6 97.6			99.0	99.3	99.3		170.7 170.2

## CEILING VERSUS VISIBILITY

55-77,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							•-5	B . * 51	ATUTE MIL	E S				<u> </u>		
FET	≥ :	≥6	≥ 5	≥ 4	2.)	21%	≥ /	≥ . 7	≥1%	≥1	≥ 4	≥ 7,	2/	≥5116	2.4	≥ .
FINE A DOMES	57.1	54 66.6				53.5 7⊒.8				53.9 71.0	1 !	63. 71.2	71.3	53.9 71.0	υ3.9 71.2	
≥ 9000. ⇒ x vv	1.1	67.3 57.4	7 • 1				72 72		/? 72	72.3 74.6	72.1 72.1	72.3 73.6	7 . 3	72.5 72.5	72.3 72.5	75 75
≥ 14600 ≤ 2000	1 • 3 52 • 3	57.9	7.3.3	73.4	74.5		74.3	75.1		75.1	7: 1		75.1	72.J 75.1		75.1
\$ 9000 \$ 9000	.5 • 6	74.4	75.5		79.3	79.1 1.ن	<u>ء ت ء 1</u>	- i <b>.</b> 4	5 7 0			P <u>} •</u> 4		35.4	<u> </u>	3 4
≥ 8000 ≥ 2000 ≥ 5000	59.5 59.5	20.2 30.4 30.8	84.3	34.1 54.8	86.9	26.4 57.2 27.6	₫ 7 <b>.</b> 2	£7.5	95.6 97.5		37.	35.5 37.5		57.5		.7.
± 5000	59.9 59.9		34.9	35.4		37.9	9 - 7 ه	73.2		33.3	5€	97.9 9 <u>3.2</u> 93.0	91.2	7.9	17.9	- 7 - 4
2 4000 2 3500			35.9	87.5	89.8	9 - 1 4 3 - 3	97.1	95.4	97°4	9 . 4	97.0	-	9 5		50.4 50.6	1 1
2 100C	5.0		91	92.5	95.4	95.7 97.4	95.7	<b>35.</b> 5	<del>)</del> 5.	95.0	96.	95. 97.6	35.0	75.1	<u>45.0</u>	16.7 ₹7.5
2 806 2 806	.5.3 .5.3	93.7	97.3	24.0	97.6	98.1 98.2	98.1	78.3	98.3	98.3	98.3	98.3	53.3	98.3	25.7	3003
e 200	<u>55.5</u> €5.8	39.J			98 <b>.3</b> 93.6	98.7 99.2	99.2				99.1 99.4	99.4	99.0 99.4		99.4	99.4
2 900 900 2 800	ა5•6 ⊹5•ა	39.1	94.	94.7	99.7		99.5	29.9	99.7	99.9		99.9	99.9			
2 700 2 600	უ <b>5.6</b> ან.6	97.1	9	₹4.7	1	97.6	99.6	99.9	100.0	100.0	99.3 130.3	106.0	133.5	100.0		170.0
. 500 - 400	<u> </u>	99.1	94.3	94.7		99.6	99.6	99.9	120.0	100.0		103.0	1 1 . 1	1 "0."	1 7.7	100.0
2 306 2 200	55.6 55.6	89.1 89.1	94.7	94.7 94.7	99.0	9.5	99.6		107.7	100.0 100.0		100.5	153.3 153.3	170.1	163.3	103.0
: OL	55.6 55.6	39.1		24.7	30.1	00.0	99.5	79.9	100.0	100.0	100.0	100.0	1	100.0	100.7	173.5

SUPPARE SETMATOLOGY RAANCH LIATUTAC S #EATHIR SERVASE/MAC

## CEILING VERSUS VISIBILITY

- 044 STANTON LAT KO

54-71,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 - 20 + 1 7 5 7 HOURS (LIST.)

€.~•			_	_			٧١S	B . T . ST.	ATUTE MIL	E5						
1428.1	≥ :0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ;	2 - 1/2	≥1%	≥ 1	2 4	≥ %	2 "	≥5/16	2.4	. ≥.
15 EUN 2000€	l.1 55.1	34.5 73.1	50 • 1 75 •	55 • 1 75 • 2	5 2 75 . 3				55.7 75.7	€ € • 2 7 5 • 3	55.2 75.3	50.2 75.3	0 ~ • 2 7 - • 3	:6. 75.3	( n • 2 75 • 3	36.2 75.3
2 18000 2 4 40	55.2 56.5		75.5 76.1	75.0 75.2	75.8 76.4			75.8 75.4	7° • -		7°•9 76•4	75.5 75.4	75.9 75.4	78.4 76.4	75.4 76.4	75. 76.4
≥ '4600 ≥ 2000	57.1 38.0	74.3 75.3	76.3	76.7 75.7	77.1 75.9			73.9	77.1 78.7	77.1 75.9	77.1 79.3	77.1 78.9	7:•1 7:•9	77.1 72.9		
± 1000€ ₹ 900€	ან.4 ან.5	79.5 55.3	87.4 82.3	63.5	83.7 83.4					83.4	#?•! 83•4	43.4	33.1 57.4	-3. -3.5.4	-7.5 3.4	- 3 - 4
≥ 8000 ≥ 7000	55.2	34.4 55.3	87.5 85.4		89.4 89.5	2 y . b			59.5	57.0	65.5	აფ. u იყ. გ	5 - • 4 5 ≠ • 5	48.4 29.5	19.4	39.4 39.6
2 6000 2 5000	55.8		59.5 89.3	93.7 39.4	87.7 9.6		90.6	90.5	59.7	99.7	2 · . 7	37	52.7 57.6	59.7 13.3	49.7	39.7
≥ 4500 ± 4000	55.8 35.4	85.8 86.9	89.3	89.4 90.6	91.9	91.3	21.8	91.8	90.1 91.5	95.5 2.5	90 • 1 91 • 1	91.5	•7.6 91.5	70.5 91.5	91.9	52.6 91.6
2 3500 2 3000	55 • 7 71 • 3	87.4 92.7	91.3	91.3 97.1	98.2	93.4	98.4	99.4	구기. 『 구리. 바	92.5 95.4	96.4	92.5 93.4	91.5 93.4	72.5 98.4	-?•5 }4•4	:2. 38.4
2 2500 2 2000	71 • 5	92.3 93.2	95.9 97.7	97.2 97.9	93.4	59 <b>.</b> 7	99.7	99.7	99.7	97.7		95 • 8 99 • 7	93.7	98 • 5 99 • 7	98.8 79.7	
± 800 ± 500	71.8 72.	93.4	97.9	96•1 9-•2	99.7		100.0	100.1	100.0	120.0	131.5	126.2	99.9 1.3.5	99.9 130.5	99.9 150.0	9.9
2 000	72.1	93.5	97.9	23.2	99.7	100.0	130.5	100.0	100.5	150.5 155.5	100.0	100.0	132.5	135.5	120.0 130.0	133.5
90% 2 BOX	72.	93.5	97.3	98.2	94.7	1_3.3	130.2		133.3	100.0 100.0	100.0	100.0	100.0	133.3		133.3
≥ 700 ≥ 600	72.0	93.5	97.3	98.2		100.0	130.0		150.0	100.0	100.0	100.0	107.3 133.0	153.0 130.0	100.0	173.3
≤ 500 → 400	72.0	93.5	97.3		99.7	133.0	100.0		100.0	100.0	100.5	132.3	107.0	100.0	1.5.3	1.3.0
₹ 300 ₹ 300	72.1 72.1	93.5	97.9		99.7		100.0		133.3	193.3	100.0	100.0 100.0	100.0	1 20 . 7	170.0 100.0	100.5
÷ 06	72.1	93.5	97.9	98.2						199.0 193.0		173.0	10 .0 100.0		100.0 100.0	175.5

TOTAL NUMBER OF OBSERVATIONS 581

# CEILING VERSUS VISIBILITY

4 344 STANTON CAF K

55-73,73-75

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

E. N.							• · · S	B . " S"	ATUTE MIL	E S					_	
r=EET»	<b>2</b> . C	≥ 6	≥ :	≥4	≥3	22%	٤.	≥ ″	≥1%	≥'	2 4	≥ %	≥ ″	≥5/16	<u> </u>	≥.
MOLENNIA E 2000	42.5 55.6	54.4	5/.4	5 . 4 54 . 4		62.7		_		54.5 71.2			71.5	- 5 • 4 - 1 • .	72 D	
≥ 8000 ≥ 5.49	45.7 45.	59.9 50.1	-			72.0 73.2			71.5 71.5	71.5	72.7		72.5	72.5 72.5	77.5	
2 1400K 2 100G	46.2	5]•3 61•7				73.5 72.1				72.4 74.3		74.3	74.5		74.9	74.5
# 9500 # 9500	49.7		7	71.3	76.7		78.3	78.5	78.7	79.2		79.0		79.7	79.2	00.1
≥ 9000 ≥ 1000	3.1	70.5		76.9	82.6	1 و د	84.7	84.6	54.7	34 • 2 35 • 2	25.4	35.2		56.	5.7 25.7	36.
2 500K - 500K	3.5	71.2		77.6	83.4	53.9	04.5	55.4	25.5		56.7	85.9 85.3	z + . 5	3 <b>5.</b> 3	-5.5 -5.3	97.5
430% 40%/r	: 4 . 4	72.3	76.4 77.5	79.1		25.6	55.5	27.1			35.7	79.1	50.3 50.4		£7.1   35.5   59.2	£5.7
2 1006 - 2500	57.5	76.	81.5	93.4	90,0	93,5	91.5	92.2	92.4	92.9	93.1	93.2	93.5			93.9
200°.	35.1	77.3	83.5	55.2	92.2	92.8	93.9	94.8	95.0	95.£	95.8	95.9	95.3	95.4		36.5
: 50c	ე∓.3	77.5	53.9	95.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7		97.2	97.3	-	57.
2 900		77.6	84.0	35.7	93.5	94.5	75.6	96.5	96.8	97.5	<b>97.</b> 3		93.4	98.6	95.5 98.7	95.5
2 R(4	55.3	77.6	34.	25.7		54.5		96.7	96.9	97.6	98.0				93.2 99.1	
.: 500 .: 500	58.3 58.3	77.6	,	35.7	93.6	94.6	95.8	96.8	97.0	97.7	99.1	98.3	y 2 • ċ	99.3	10.1	79.4
2 30c	58.3	77.6	1	85.7	93.6	94.6	95.8	96.8	97.1	97.8 97.8	98.3	98.5		79.3	99.4	99
2 20C	58.3 78.3	77.6	1	85.7	97.5	94.7	95.9	96.9	97.2	97.6	99.4	90.6	97.1	09.4	99.5	1:3.0
	<u> </u>	77.6	34.3	R5 - 7	97.6	94.7	95.9	96.9	97.3	97.9	98.4	95.5	33.1	99.4	99.5	<u>1 [ [ ] </u>

TOTAL NUMBER OF OBSERVATIONS 2691

GEOGRE CEIMATOLOGY BRANCH Utafetac at- Keather Servicoumac

### CEILING VERSUS VISIBILITY

CX 344 VC1 4418 44114

5=77,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

633-76"... HOURE (LISIT.)

74.~.							¥15	B . ** STA	ATUTE MILI	E5			-			
(FEE.)	5.0	≥ 6	≥ 5	≥ 4	≥3	53%	≥ 2	≥ . %	≥1%	≥,	≥ 4	≥ %	≥ ∨	≥5/16	≥ 4	≥.
MO TERMS	37.9 40.3	43.9	4°.7	49.9 52.9	57.5	58.3 72.3	51.1 54.9	12.7 £6.7	53.3 67.3	64.3 68.3	54.7 68.7	54.7 52.7	59.3	:5 • 4 5 • •	06.3 72.3	55.5 73
≥ 18000 ≥ 5000	42.4 42.4	46.7	5 2 • 1 5 2 •	53.1 53.1	51.5 61.5		55.1 55.1	57.0 57.0	67.6 57.6	56.5 62.6	59.0 59.0	69.0 69.0	57.5	59.7 59.7	72.5 72.5	70.5 70.5
≥ 14000 ≥ 12000	41 · ·	47.3	52.5 53.1	53.7 54.1	62.1 62.6	52.9 53.3	65.7 66.3	57.6 53.1	58 • 1 62 • 7	59.1 59.7	69.5 71.1	54.6	7°•1 73•7	73.7 73.9	71 • 1 21 • 7	71.1 71.7
2000° ≥ 9000	42.7	49.1 49.4		56.0 55.6	6°•3 6>•5	55.7 66.3	53.9 69.4	71.9 71.4	71.4 72.7	72.4 73.5	72.9 73.4	72.5	73.4 74.3	73.5 74.1	74.4 75.0	74.4
≥ 9000 ≥ 7006	44.3	51.4 52.4		59•1 60•4	63.6 69.9	_	72.7 74.5	74 • 7 75 • 0	75.3 76.6	75.3 77.5	76.7 78.	76.7 76.5	77. ? 73.6	77.4 73.7	79.3 79.5	74.5
≥ 6000 ≥ 5000	45.6 45.9	52.7 53.0	59.4 59.7	60.7 61.0	70.1	71.6	74.9	75 • 3 76 • 9	76.4 77.4	77.9 72.4	78.3 78.9	73.3 73.9	77.4	79.5	79.9 5.4	30.4
≥ 450€ ≥ 4000	45.7	53.4 54.6		51 • 4 52 • 7	71.1 72.6	73.4	76.7	77.3 76.7	77.9	76.9 95.3	79.3 50.7	79.3	31.3	30.0	50.9 32.3	9 2 . 3
2 3500 2 3000	47.3 51.3	55.7 52.9		64.1 7 .0	74.0 80.7	81.7	95.3	30.3	59.° 58.1	81.9 89.1	82.3 39.5	99.6	90.1	93.0	33.9 91.1	21.1
± 2500 ± 2000	51.7	51.6 51.7	69.7	71.3 71.6	83.9	≥5.6	39.4		91.4	92.4	94.5	92.5	93.4	93.5	75.6	
2 1800 2 1500	\$1.9 51.3	62.1 52.1	73.1		84.9 65.1	86.1	90.1	92.5	92.0	93.9	94.3	94.3	95.3	95.2 95.4	95.9 96.3	75.3
≥ 1200 ≥ 000	\$1.3 \$1.9	52.1 52.1	70.4 70.4 70.4	72.4 72.4	85.6 85.6	86.6		93.3 93.3	93.9	94.9 95.5	95.4 95.6	95.4 95.6		95 • 1 95 • 3	97.1 97.1	97.1 97.1
≥ 800 ≥ 700	51.9 51.9	52.3 52.3	72.5	72.5	85 • 7 85 • 7	36.7	93.7	93.4	94.1	95.1 95.4	95.9	96.3		96.7	97.5 97.9	
2 600	51.9	62.3	77.6	72.6	85.7 85.7	36.7	91.0	93.7	94.4		96.1 96.3	96.3		97.1	97.9 99.0	
2 300	51.9	62.3	71.5	72.6		86.7	91.3	93.9	94.6	95.6	96.3	96.4	* "	47.1 97.1	98.1	78.1
2 20C	51.9	62.3	70.5	72.6	85.7	86.7	91.3	93.9	94.6	95.6	96.3 96.3	95.4	97.3	97.1 97.1	98.3	
± 0	51.9	62.3	70.6	72.6	85.7	86.7	91.0	93.9	94.6	95.6	96.3	95.4	97.1	<b>97.</b> 3	99.4	<u>1 3.0</u>

ATT WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STANTON AAF KO

<u>68-78,73-79</u>

N C V

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

75. 67.		-					viS	:B : " × ST	ATUTE MIL	E5						
0.55.7	≥ .0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ - ½	≥11/4	≥1	2	≥ %	≥ ٧.	≥ 5/16	≥ 4	2.0
№0 1EUN0 ≥ 20000	45.4	51.4	54.4 57.5	55.5 89.5	59.7 64.1	53.2 55.1	50.9 56.2		53.4 59.2	54 • 1 59 • 5	6	54.1 70.2	54.5 72.3	64.5 75.3	54.9	54.9 74
≥ 18000 ≥ 5100	45.4 45.4	54.0 54.0	5° 0	59.5	54.5 64.6	65.6 55.6	66.7 55.7	68.5 69.5	69.2 59.3	70.5 1.00	7 72•	73.7	7 .7	73.9 73.9	71.7 71.3	71.5 71.5
≥ 14600 ≥ 2000	45.6 46.1	54.3 55.0	5°.3	50.8 €7.5	64.9 65.6	65.9 65.5	67.2 67.7	68.8 69.5	70.0 70.7	71.7	75.7 71.4	71.0	71.7	71.1 71.5	71.3 72.3	71.3 72.0
≥ 9000 ≥ 9000	47.5 47.7	56.5 56.3	50.9 50.9	62 <b>.3</b> 62 <b>.</b> 4	5 · 1 6 · 4		7°•5		73.5 73.3	79	74.5	74.6	74.5 74.9	74.7 75.0	74.7 75.1	
≥ 8000 ≥ 1000	00.1 50.7	50.1 60.8	64.5 66.7	66 • 3 67 • 8	72.4	73.3 75.1	75 • 3 77 • 1	78.9	<b>83.1</b>	78.6 85	51.6	79.3	78.3 21.1	79.4	79.6 31.4	51.4
2 6000 2 5000	51.68 51.63	50.9 50.9		6±•0 65•0	74.3 74.4	75.4	77.2	79.1	8J.4	35.5 <u> 7</u>	31.1	21.4	21.2 5.4	51.4 31.5	-1.5 :1.6	81.6
≥ 4500 ± 4000	51.1 52.3	51.3 63.4	62.3	69.2 73.7	70.3	79.4	73.7 61.4	79.8 63.1	84.4	24.7	33.1	82.3	ສໂ•3   <b>ສ5•</b> 4	2.0 35.5	:5.5	82.3 85.6
± 3500 ≥ 3000	56 <b>1</b>	54.9 57.7	73.9	72.4 75.8		<u>56.6</u>	88.8	90.7	92.	57.3 92.4	93.0	37.7 93.2	93.2	93.4	±5•3 ∀3•5	***
± 2500 ± 2007	56 • 4 56 • 3	58.1 58.5	74.9	75.7 77.6	88.0	89.2		93.4	94.6	93.9 95.3	95.7	94.8 96.5	94.3	74.0 75.1	95.1 96.3	
2 800	56.9 57.0	55.5	7 - 1	77.8	83.4		92.3	93.9	95.3	95.7	96.9	96.4 97.1	95.4	95.5	96.7	57.4
2 200	57.3 57.3	59.1 59.2	75.5	73.2 78.3	53.8		92.4 92.4				97.4	97.5		97.7 97.3	97.9	
2 ACH	57.3 57.3	59.2 59.2	75.5		89.1	90.3	92.7	94.6	96.5	96.5	97.7	97.9		98.1	93.0	95.2
2 600 500	57.3	69.2	75.6		89.4	93.6		94.9	96.3	96.8	97.9		98.3 98.5	9 <b>3.</b> 5	98.5 98.8	98.6
2 300	57.3	69.2 59.2	75.6	78.3	89.4			95.2	96.5	97.1	98.2	98.5	9 <u>5</u> 5	9 <b>9.</b> 2	99.3	95.9
2 200	57.3	69.2	75.5	78.3	89.4		93.1	95.2	96.7	97.2	98.3	98.6	98.9	99.2	99.3	29.7
2 9	. 7 . 3	59.2		78.3	89.4	95.6	93.1	95.2			- 1	93.6	98.9	95.2	49.5	

SUCHAL CLIMATCEDBY BRANCH USAFETAC ATA AFATHER STRVICE/MAC

## CEILING VERSUS VISIBILITY

STANTON FAR WOLLAT & PROTEST

69-77,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

78. No.							VIS	B LITY ST	ATUTE MILI	E 5						
(-EE.)	≥15	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥ : %	≥1%	≥1	≥ %	≥ %	≥ ٧.	≥ 5/16	2 4	≥د
100 1 E 11N/11 ≥ 20000	11.2	58.2 61.5		60 <b>.7</b> 65.4	62.7 67.5		67.7 67.6			53.1 66.1		63.1 58.1		53.1 68.1		53.1 50.1
≥ 18000 ≥ 5.44	54.8	62.2	65.5	66.1 66.3	6 ⊹ 2	60.4		53.8		58.8	۽ ۽ ن	63.8 64.0	5°.4	၁၆ • ငိ		55 • F
≥ 14000 ≥ 12000	56.1	63.7 64.5	67.	67.6	67.7	69.9		7 5 . 3	72.3	76.2	77.7	70.3	7~.3	70.3	70.3	70.3
≥ 9000 ≥ 9000	57.5 57.8	65.7 56.1	59.1	67.9	7~.7	73.7		73.6	73.5	73.5	73.5	73.6	73.5	73.5	77.6	73.5
≥ 9000 ≥ 1900	59.9	63.5	72.7	73.6	77.0	77.5	77.5 79.1	78.2	73.2	79.2	78.2	75.2	72	78.2		73.2
≥ 6000 ≥ 5000	50.7 51.3	69.7	74.2	75.1	78.5 79.3	79.0	79.3	79.9	79.9	79.9	79.7	79.9	73.9	79.5	79.9	79.5
≥ 4500 ± 4000	51.	74	75.1	75.4	79.7	83.1		31.2	31.2		31.2	91.2	31.2	1.2		11.2
≥ 3500 ≥ 3000	54.3	74.6	77.3	83.7	84.6	55.2		86.6	86.5	84.0 85.6	96.5	85.5	35.6	-5 - 5	€5.5	35.6
≥ 7500 → 2000	68.4	78.9 2J.J	84.5	87.2	97.0	92.7		94.3	94.0	94.3	94.0	94.j	94.2	94.3		94.0
± 1800 ± 1500	70.1	91.5	87.5	89.1	94.3	95.1		96.6	96.6	96.6	96.6	95.6	96.7	95.7	96.7	30.7
2 200	75.9	′ - • 7	<b>5</b> 5 € 1	89.9	95.7	96.7	97.6 97.6	98.5	99.8	98.8	98.3	98.3	99.0	99.3		39.3
2 90:	75.9 70.9	82.1	88.1	89.9		96.9		99.0	99.3	99.3	99.3	99.3	99.4	99.4	-	39.4
≥ 700 ≥ 800	70.9	82.1	88.1	89.9	96.0	97.0	97.9	_	99.4	99.4	99.4	99.4	99.6	99.5		99.5
≥ 500 ≥ 500 • 400	70.9	92.1	8 P • 1	89.9	96.0	97.0		99.1	99.4	99.6	99.5	99.6	99.7	99.7		99.7
2 300 2 200	70.9	32.1	58.1	89.9	96.0	97.0		99.3	99.5	99.7	99.7	99.7	99.9	99.9	30.3	79.5
. 06	73.9	92.1	93.1	89.9	96.0	97.0	97.9 97.9	99.3	99.6	99.7	99.7	99.7	107.0	100.0	100.0	100.0
<u> </u>	70.4	82.1	89.1	89.9	96.7	97.d	97.9	99.3	99.6	99.7	99.7	99.7	100.0	100.0	153.3	130.3

A REATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STANION STATION NAME

63-70,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1507-1771 HOURS (L.S.T.)

E , N .							vis	B LITY ST.	ATUTE MIL	E5						
refe"v	≥ :0	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ ;	≥ . %	≥1%	≥1	≥ ¼	≥ %	≥ ٧	≥ 5/16	≥ 4	≥0
2000€	52.4	58.1	50.6	60.3	51.7	61.7	61.7	61.7	51.7	61.7	61.7	51.7	51.7	+1.7	=1.7	51.7
2 7 100	57.6	53.3	65.9	65.3	63.3	<u>ئەڭد</u>	55.3	<u> </u>	68.3	50.3	5 - 2	5d.3	6:03	55.3	2 و څو	شعفت
≥ 18000	52.4	54.5	66.°	67.3	69.2	69.2	59.2	69.2	φ9•7	69.2	£9. '	69.2	57.2	67.2	69.2	59.2
≥ 5,4%.	53.5	54.8	57.	67.5	61.4	69.4	50.4	69.4	59.4	59.4	50.4	59.4	67.4	69.4	69.4	59.4
≥ 1400C	59.0	55.2	67.5	67.9	69.9	69.9	69.9	59.7	59.9	59.7	59.9	69.9	59.9	69.9	69.7	59.9
≥ 2000	59.2	35.4	57.5	გწ <b>.1</b>	7.00	77.3	70.0	70.0	77.	70.0	75.3	73.3	72.3	70.0	70.0	73.
± 1900€	61.6	68.5	71.3	71.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	77.47	73.7	73.7	73.7
≥ 900C	±2.5	69.5	72.2	72.7	74.6	74.6	74.6	74.6	74.5	74.6	74.5	74.5	74.5	74.5	74.6	74.5
≥ 800€	66.5	74.3	77.7	75.8	91.5	31.7	81.7	81.7	81.7	81.7	81.7	91.7	31.7	51.7	91.7	
≥ 2000	67.7	75.3	78.3	79.9	82.9	33.1	e 3 • 1	33.1	33.1	23.1	33.1	93.1	03.1	83.1	:3.1	53.1
≥ 6000	67.1	75.4	78.9	80.4	84.1	54.2	34.2	24.2	34.2	64.2	÷4.7	9.4	14.2	-4.2	.4.2	44.2
≥ 5000	67.5	75.9	72.4	80.9	84.5	84.7	34.7	84.7	84.7	94.7	84.7	84.7	34.7	34.7	54.7	54.7
≥ 4506	69.3	76.6	8 1	81.5	85.2	85.3	d5.3	25.3	55.3	85.3	25.3	95.3	55.3	25.3	95.3	25.3
: 400C	68.5	75.9	83.4	81.a	85.5	85.6	65.6	35.6	85.6	85.0	65.6	A5.5	35.6	خو 5 د	55.5	55.6
≥ 3500	7~.3	79.5	82.1	£3.6	87.6	27.7	37.7	37.7	57.7	87.7	57.7	37.7	67.7	57.7	87.7	÷7.7
2 3000	74.6	53.3	85.9	28.4	93.3	93.5	93.5	73.5	93.5	23.5	93.5	93.5	92.5	23.5	93.5	93.5
2500	75.8	95.0	83.7	90.1	95.1	95.2	95.2		95.2	95.2	95.2	95.2	95.2	95.2	75.2	45.2
. 2000	75.9	26.1	89.3		96.3	97.0	97.3	97.3	97.2	97.3	97.2	97.0	97.3	97.3	97.3	97.
≥ 800	75.3	80.1	87.3	91.4		97.3	97.0		97.	97.3	97.3	97.	97.0	97.3	97.3	27.
- 1500	75.9	85.1	89.3	91.5	97.9	98.2	98.4	98.6	98.6	98.5	98.5	92.6	98.6	98.5	98.5	38.6
≥ 120C	77.	36.3	97.1		93.2	93.6	98.7	99.9	98.9	98.9		98.9	98.9	98.9	39.9	93.9
2 -000	77.	86.3	91.1	1	98.5			99.2	¥9.2	99.2	99.2	99.2	99.7	99.7	99.7	79.7
2 <b>9</b> 00	77.	ê 6 <b>.</b> 3	97.1	92.0	98.6	93.9	99.7	99.2	99.2	99.2	99.2	99.2	79.8	99.8	99.8	99.8
≥ 804	77.	36.3	91	92.0	95.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	h a c • a	נ.ככו	ב.כנים	kaa.al
2 700	77.5	36.3	9 .1	92.3	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.3	
≥ 60C	77.3	95.3	90.1	92.0	58.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2		ľ	130.0	
≥ 500	77.3	86.3	97.1		92.6				99.2		99.2		20.2			ם מיו
* 40C	77.3	86.3	90.1	1					99.2		99.2		133.3			1
- 300	77.	96.3	97.1	-	98.5				99.2	92.2			107.0		125.3	
± 200	77.	36.3	97.1	1	9 4 6				99.2	99.2		99.2				na.a
100	17.	96.3	97.1						99.2		99.2		100.0			
. 5	77.	35.3	97.1		98.6				99.2	99.2			100.0		•	. 53.6
L		,,,,,		1 1 5 6 14	,,,,,,	7047		.,	,,,,	.,,,,	, , <del>,</del>		12000	<u> </u>	1. 000	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

627

SLOBAL CLIMATOLOGY BRANCH UPAFETAC ATH WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

(FROM HOURLY OBSERVATIONS)

USE WATER TOOL TON

VS.

4 1244 STANTON SEE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE

A L L

TE ~ .							v/S	B. ** 5T	ATUTE MILI	ES						
###*\	≥ 15	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ . %	≥1%	≥1	2.4	≥ %	≥ 7.	≥ 5/16	2 4	≥ 、
NT E:N ≥ 20000	+5 • 1 4 9 • 1	52•7 <b>56•1</b>	55.7 59.7					62.6 67.7	53. 59.2	63.4 63.5	€3.6 59.6	53.5 55.8	5 * • 3 5 ? • 3	53.6 69.1		64.1 69.2
≥ -8500 ≥ 3 m/c	49.5	56.6 56.7	60.4				67.4		50 . 5 50 . 4		59.5	69.5 67.5	63.7	69.5	7.00	7.00
≥ 4500 ≥ 2000	30.1 <u>20.5</u>	57.3 57.9		62.6	66.5 67.1	67.6		69.1	72.2	69.9 72.5	72.7		70.3	71	11.3	70.7
÷ 9000	52.J	59.7 <u>63.1</u>	63.3	b=.2	69.7	72.5	72.0	72.6 73.1	73.6	73.9	74.2	73.7	74.4	74.5	74.7	74.7
≥ 8000 ≥ 7000	54.4 55.5	63.2 64.1	67.3 69.2		75.1	76.7		79.3	19.5	74.5 8J.1	5.0.3	73.7 3.4	79.1 2.05	77.1 EJ.5	70.4  30.9 81.3	79.4
± 5000	55.0 55.2	64.7	69.7	71.1	77.0	77.6	79.1	63.2	<u>3 - 3 - 3 - 7 - 7 - 3 - 7 - 7 - 3 - 7 - 7</u>	81.6	31.2	31.3	87.7	2.1	31.9	2.4
± 4000 ± 1500	57.4	56.5 68.1	71.9	73.2	79.5	83.2	81.7	52.8	83.3	93.5	65.3	93.9 95.J	54.7	54.1	÷4.4	24.4
2 3000 ± 2500	52.1	72.3		79.6		57.9		20.9	91.4		72.0	92.1	92.2 94.3		92.5	92.5
2007	-3.4 -3.5	74.1	83.2	92.1 82.2	9^.7 9^.8				95 • 1 95 • 2	95.4				- 96 . 3	96.5	96.5
2 1500 2 1200 2 000	:3.1	74.5	80.5	P 2 . 7	91.8	92.7	94.5		96.7	97.1	97.5	97.5		97.9	98.1	97.5
900 2 800	53.3 53.3 53.8	74.5	80.7	82.8 82.8	92.0		94.3	96.3	96.9 96.9 97.1	97.4	97.9	97.8 97.9 98.1	98.1 98.2 98.5	98.3	98.5 98.5 98.8	
: 7% 2 600	53.3 63.9	74.5	8 . 7	92.8 92.8	92.2	93.1	95.1 95.1	96.5	97.2	97.6	98.1		93.6	98.7	99.7	
:- 500 - 400	53.8 53.8	74.5	1 7 . 7 1		92.2	93.1	95.1 95.1	96.7 96.8	97.3 97.4	97.8	98.3	98.3 98.4	98.8 98.8	98.9	99.2	99.1 99.2
2 300 2 200	53.6 53.6	74.5	87		92.2	93.1		96.8	97.4	97.9	98.3	98.5	98.9	99.7	99.4	99.8
. 100	53.d	74.5	80.7 80.7	82.8	92.2 92.2				97.4			98.5	99.9	_	99.4	1 0.0

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6.

SUGRAL CLIMATOLOGY RPANCH CLAFETAC ATH AEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 744

CX TANTON NAF KO

55-70,73-79

0 2 0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(627-160)

1E, No.						_	VIS	:B:L:** ST.	ATUTE MIL	E S						
(+EE.)	<u>⊼</u> : Ç	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ¼	≥ 2	≥ . %	21%	≥1	≥ ¼	≥ %	≥ ٧.	≥ 5/16	≥ ¼	≥ن
NO EUNI 2.2000	36.2	41.7		49.5	57.6					50.4		65.5				:1.2
≥ 18000	7.4	-3-3	49.3	<u> 51.3</u>	5 7		51.9		62.3		52.5	62.9				
≥ 5000	57.6 57.6	43.3	5 3 • 1 5 3 • 1	51.5	6 · 1				52.6 52.6		63.2	63.3	53.7 63.7	63.3	63.8 63.8	54.1
≥ 14500	37.9	43.5	50.3	51.8	6 . 4	60.8	62.5	62.9	62.9	53.4	63.4	63.6	64.0	64.1	54.1	54.4
≥ 2900	37.3	43.6	50.3	51.8	6 . 4	50.6	52.5	52.9	52.9	53.4	63.4	53.6	64.3	64.1	64.1	54.4
± 9000	39.2	45.2	52.1	53.5	62.5	63.3	64.8	55.2	65.2	65.7	55.7	65.8	56.2	55.4	65.4	56.6
e 9500	39.5	45.7	52.7	54.2	53.2	53.7	65.4	65.8	6.5 • 6	56.4	55.4	55.5	55.9	67.00	57.0	57.3
≥ 9000	41.6	47.8	54.8	56.4	65.8	66.5	68.2	58.6	68.€	69.1	69.1	57.3	69.7	69.6	69.0	71
≥ 7000	42.4	43.9	55.9	57.6	67.4	56.1	69.9	70.3	70.3	7- 9	79	71.	71.4	71.5	71.5	71.ê
≥ 6000	42.4	48.9	55.9	57.6	67.5	68.2	70.1	70.5	70.5	71.0	71.0	71.1	71.5	71.7	71.7	71.9
£ 5000	42.9	49.4	56.7	58.4	6°.6	59.3	71.1	71.5	71.5	72.1	72.1	72.2	72.5	7.2 • 7	72.7	73.0
≥ 4506	43.1	49.7	57.1	59.8	69.0	69.7	71.5	71.9	71.9	72.5	72.5	72.6	73.0	73.1	73.1	73.4
2 400C	44.1	50 <b>.7</b>	59.4	60.1	72.9	71.5		73.8	73.9	74.3	74.3		74.8	75.0	75.3	75.2
≥ 3500 ≥ 3006	44 - 4	51.4	59.5	61.3	73.6		75.2	75.5	76.7	77.2	77.2	77.4	77.7	77.9	77.9	7ê • 1
	46.4	54.	63.3	65.0	83.5			33.8			54.5	94.8	35.2	35.6		55.8
2500	47.3	54.4	,		82.3						37.9	88.1	3 € • 6	39.3		9.3
	47.4	55.2	65.2				69.9				91.7					33.1
2 180C	47.3	55.2	65 • 2	67.7	84.8					91.5	91.7					₹3.1
<u> </u>	43.1	55.6					93.5			92.2			93.1			93.9
≥ .200	43.1	55 • 6	65.6	_ 68 • 3	65.4	€6.4	90.5	91.1	91.4	92.5	92.7	92.8	93.4	93.8	93.3	94.2
·	48.1	55.6	_	65.3	85.6	35.6	91.0	91.9	92.2	93.4	93.€	93.8	94.4	94.5	94.9	35.2
900	48.1	55.6		59.3	85.6	,	91.0	1		93.4	J.	1		94.8		95.2
	48.1	<u>55•6</u>		68.3		86.8				93.6						35.9
2 700	48.1	55.6	65 • ₫	68.3	85.8	86.9	91.3	92.3	92.6	93.9	94.3	94.7	95.4	75.9	95.9	56.4
≥ 600	48.1	<u> 55.5</u>		68.3	85.8		91.3			93.9				96.3	96.2	95.7
± 500	48.1	55.6	65.8	68.3	85.8	86.9	91.4	92.5	92.7	94.0	94.6	95.0	96 • J	76.5	97.3	97.5
: 40C	49.1	55.6		68.3						94.3		95.2	96.6		97.5	
306	43.1	55.6	65.3	68.3	85.8	56.9	91.4	92.8	93.1	94.4	95.3	95.4	95.7	97.2	33.7	28.8
± 200	49.1	55.6	65.8	69.3	85.8	36.9	91.4	92.8	93.1	94.4	95.2	95.4	95.7	97.5	92.4	
• EUG	48.1	55.6	65.9	68.3	85.9	96.9	91.4	92.8	93.1	94.4	95.7	95.4	95.7	97.3	98.4	ומ•טיו
- "	48.1	55.6	65.8	68.3	85.8	86.9	91.4	92.8	93.1	74.4	95.	95.4	76.7	97.5	98.4	1 3.3

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

755

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

\_\_\_\_

SLOPAL CLIMATOLOSY PRANCH USAFETAC A PRIMEATHER SERVICEZMAC

### CEILING VERSUS VISIBILITY

---7° , 7 ! - 7 :

STANION STATION STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

F . ~ .	 						. 5	B. '* 5'	A*, *E •	f c				_		
/*!E'\	≥ 10	≥6	≥ 5	2.4	23	227	٤,	2	≥ : %	<u>.</u>	2.	2 4	<u> </u>	25 0		<b>≵</b> .
NT EUN+ ≥ 21000		3ו5	43.2 45.7	45.8		55.9	56.7 50.5	57.5 51.7	57.7	57.5		5 4 • 1 5 <u>4 • 3</u>	• 1	 21 - 4	. ?	? - 2 - 9
2 18000 3 6000	34.4 34.5	41.1 41.2	45.7 45.9	46.9 47.1	1 1	2 . • 1 <mark>كور ت</mark>	57.9 61.1	52.1 62.3	52.4	52.4 52.5	5 1 . 7 62 . 8	52 • 7 52 • 5	7 <u>5 1 5 5</u>	57.9	57.3	62.6 8.25.6
≥ 14000 ≥ 12000	34.9	41.5	45.3 47.1	47.5 48.3	57.1 57.9	5 .8 51.0	51.5 52.4	52.5 53.5	62.9 63.7	63.1 63.7		53.7	27.3 59.1	63.6° 54.3	53.5 54.3	43.5 54.2
2 9000 2 9000	36 • 1 35 • 3	44.5	4 4 4 . 9 4 € . 9	50.0 50.3	: I	€3.7 24.3	54.7		55.″ 56.∄	55.3 56.5		55.5 55.5	5 · · · · · · · · · · · · · · · · · · ·	55.7 55.9	54.7 55.9	56.7
≥ 800C ≥ 700C	37.7 38.3	45.5	50 • 7 52 • 3	52.0 53.9	1 ' ' 1	55.5 69.6			59.4	59.1 72.7	69.I 73.1	59.3 73.1	57.3 77.1			59.5 73.2
≥ 6000 ≥ 5000	39.9 39.2	47.1 47.5	52.4 52.8	54.0 54.5	1 1	70.0 70.8			72.9 73.7		73.5 74.4	73.5 74.4	77.5		73.7 74.5	73.7
≥ 4500 ± 4000	39.3 49	47.6		55 • 1 56 • 7	_	71.5 73.6		74 • 1 76 • 5	74.4 76.8		1	75 • 1 77 • 6	75 • 1 77 • 5		75.2 77.7	75.2 77.7
± 3500 ≥ 3000	41.3 43.7	49.9 53.1	55.4 53	58 • 1 62 • 3		75.9 80.9			79.5 85.1		87.4 86.	85.4 86.0	33.4 35.1	93.5 35.3		46.5
± 2500 ± 2000	44.0	53.5 53.9		63.1	5°.3	83.1 84.4			88.5 95.5	98.5		89.9 91.1				91.9
2 800 3 1500	44.3	53.7 53.9	61.7	63.9 64.1	)	54.5 55.2		89.2 90.1	90.1 91.1		91.5 92.9	91.5 93.1			92.4	92.4 94.0
2 700 2 000	44.3	53.9 53.9	61.7	64 • 1	82.4	25.2 35.7	88.1	91.2	91.3 92.3	93.7	94.5	93.5 94.7	95.6	95.9		94.8 75.0
2 800	44.	53.9 53.9	61.7 61.7	64 • 1	82.4	65.9	38.4	91.5		94.3	94.8		95.9	76.1		
≥ 700 ≥ 600	44.	53.9	61.7 51.7	64 • 1 54 • 1	52.5	86.1	88.7	91.9	92.9	94.5	95.3		96.5	96.9	97.1	97.1
± 500 ± 400	44.	53.9	61.7	64 - 1	62.5	66.1 56.1	88.7	92.3		95.1	95.9	96.0	96.9 97.2	97.5	97.7	
2 300 2 200	44.	53.9		64 • 1 64 • 1	32.7	86.3	88.8	92.4		95.2	96.5	96.3		98.3	95.7 98.4	99.1
2 10 <b>6</b> 2 9	44.3	53.9 53.9	61.7	64 • 1		86.3	88.8	_		95.2 95.2	96.0 96.0	96.3 96.3	97.6		98.4 98.4	l .

TOTAL NUMBER OF OBSERVATIONS

BECHAL CLIMATOLOGY HPANCH Lyafetac Ali Weather Service/Mac

## CEILING VERSUS VISIBILITY

SX 3A4 /CTVATZ 445 4

### 6E-77,73-77 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

re: ~ .							V15	B-L-TY ST.	ATUTE MILI	ES.						
1156.1	≥ .0	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	2 - %	≥1%	≥1	2 %	≥ %	≥ ∀.	≥ 5/16	2.4	≥ز
NO 1EUNO ≥ 20000	44.1	51.1	54.1	59.3	58.8	59.4 64.0	50.9 64.5	59.9 64.5	59.9 54.5	59.9 64.6	54.5	54.5	5 y . 9	59.9	59.9	59.9
≥ 18600 ≥ 3000	45.5	53.9	50.1	59.9 59.9	64.3		65.7 65.7	65.8	65.5 65.5	65.8	65.3	55.8 55.5	35.5 55.9	65.s	55.8	
≥ 14000 ≥ 12000	45.5	53.9		59.9	54.3	65.1	65.7	65.8	65 · 8	65.5	55.8 56.3	55.8	5: .8	65.8 65.3		55.5
≥ 19000 ≥ <b>2</b> 9000	47.8	54.4	60.5						63.6	66.5	68.6	65.5	5° • 6	68.5	68.5	58.5
≥ 8000 ≥ 7000	48.9	57.4	52.7	53.7 54.6	67.5	59.1 70.6	69.7 71.2	71.3			71.3	69.3 71.3	71.3	1		71.3
≥ 6000 ≥ 5000	51.1	59.9 60.3	66.3	€8.4	73.6	74.7	75.3	75.6		75.6		75.5	75.3 75.9	75.3 75.3		75.8
≥ 450C ± 400C	52.0	61.8	67.9	70.3			77.4		77.4			75.0	77.9	78.2	78.?	77.9
≥ 3500 ≥ 3000	54.4	63.2 54.6	72.1	74.6	81.1	78.5 82.5	33.1	79.3 83.4	83.4	79.6 53.7	87.7	93.7	79.8 53.5	33.3	33.9	33.8
2 2500 2 2000	57.1	66.9 68.2	76.7	79.3		89.0	90.2	90.8		91.1	91.2	91.4	85.3 91.7	91.7		91.9
2 800 2 (500	57.1 57.1	68.5	77.4	90.1 90.1	88.4 88.4	93.0	91.4	92.1	92.1 92.1	52.7 92.7		93.0	93.5 93.5	93.5	93.5	93.5
≥ 200	57.2	68.6 69.9		83.4 83.8	89.6	91.4	93.D		93.5	94.4	94.7	93.9	95.4	95.4	94.5 95.4	94.7 95.5
2000	57.4 57.4	58.9 58.9		81.1	97.3		93.9 94.2	95.1	95 • 1	95.4	96.0	95.1	96.4	96.7	96.7	96.5
2 ROG	57.4 57.4	63.9		81.4		92 <b>.7</b> 93.5	94.5		96.4			97.5	97.2 98.2	98.2	97.2	98.4
≥ 500 ≥ 500	57.4	58.9		81.6		93.5 93.5							98.5	98.5 99.5	98.5 98.5	98.7
2 40C 2 30G	57.4	68.9		81.6					96.5		97.5 97.5		9ê.7 9º.8	98.5	99.7	96.8
± 200	57.4 57.4	58.9 58.9		81.6								97.8 97.8	99.3	99.1	99.3	99.6 170.0
2 0	57.4	58.9		81.6	91.1	93.5	95.4	96.6	96.6	97.2	97.5	97.8	99.3	79.1	99.3	<u>1 )ű.C</u>

CLORAL CLIMATOLOGY BRANCH URAFETAC AIR WEATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

CA RAD MCTMATE HOTALE

50-70,73-19

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 % 1							viS	-B L ** - S1	ATUTE MIL	ES					4	
(FEET)	2:	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	2.2	≥ . %	≥1%	≥1	≥ 4	≥ %	≥ 7	≥ 5/16	≥ 4	≥¢
\$ 5000C \$ 1000C	1.1	56.9	58.2 62.7	5 ÷ • 5	6 ° • 0		იშ.5 - 66.3	40.7	57.8 55.7	60.8 66.7	50.≏ 65.7	85.9 85.7	ა "მ ინ•7	50.6 65.7	55.8 55.7	
≥ 18000 ≥ 5100	53.7 53.7	61.2		64 J	56.5 55.5	57.3	67.5	57.7 57.7	67.3 67.8	57.8 67.6		67.3 57.8	57.9	57.5 57.3	57.8	57.8
≥ 14000 ≥ 12000	54.2	61.7	54	64 • 5 55 • J		57.8	58.7	58.2		58.3 59.2	69.3 59.2	68.3	5° • 3	68.3 59.2	69.3	53.3
2 10000 2 9000	56.7	54.3 65.2	68.3	59 <b>.</b> 0	71.5	72.8	73.7	73.2	73.3 73.8	73.3	77.3	73.3	73.3 72.8	73.3	73.3	73.3
≥ 80±0 ≥ 7000	59.3	68.2	71.7	72.3	74.9	76.3	76.5	76.7 79.0	76.5 79.2	76.5	76.5 79.2	75.8 79.2	75.3	76.8 79.2	76.5	75.€
2 6000 2 5000	51.5	70.5		75.2 75.7		79.2		79.5		79.7	79.7 83.7	79.7 83.7	79.7	79.7	79.7	79.7
≥ 4500 ± 4000	61.8	71.3	75.2	76 • U	79.0 81.5	33.5		80.8	81.0	21.0	£1.0 £3.5	31.5 83.a	31.0 23.8	1.3	91.0	31.0
2: 3500 2: 3000	55.5 56.8	75.3	93.1	85.8			86.7	86.8	87.1	87.2		97.2 91.8		37.2 91.3	27.2 91.8	91.5
2 2500 2 2000	67.7	73.7	84.3	25.5 86.5	9 . 3	92.2	92.5	93.0	93.2	93.5		93.8 95.3	93.8	93.3	93.8 95.3	93.8
2 800 3 1500	57.9	75.8	85.5	₹6•7 57•3	93.0		94.2	94.7 96.2	94.8	95.2	95.3	95.5		95.5	95.5	
2 1200 3 000	69. 55.	79.2		87.7	93.7	95.7	96.3	96 · 8	97.0	97.3		97.7	97.7	97.7 98.5	97.7	97.7
- 90€ ≥ 86¥	65 ·	79.2	85.3	47.7 37.8	94.5	76.5 96.8	97.2	97.8 93.2		99.3	98.5	98.7	98.7	98.7 99.2	98.7	98.7
2 700 2 600	58 . I	79.2		88.0	94.8	97.0	97.8	98.5	98.7	99.2	99.3	99.5		99.5	99.5	99.5
± 500 • 400	69.0 68.0	79.2	85.7	88.0	94.8	97.0	97.8	98.5 98.5	98.7	99.2	$\overline{}$	99.5	99.3	99.3	99.3	99.5
± 300 ± 200	55.1 55.1	79.2	86.7	88.0 88.0	94.8	97.0	97.5	98.5		99.2		99.5	120.0		100.0	100.0
900	68.J	79.2	85.7	88.0	94.8	97.0	97.8	98.5	98.7	99.2	99.3	99.5	100.3 130.3	100.0	100.3	103.0

SEUPAL SEIMATOESSY BRANCH ("AFETAS" ACE WEATHRY SERVISEAMAS

### CEILING VERSUS VISIBILITY

STANTON AAF KO

55-77,73-79

. Julia

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

F . N .							vIS	B . ** ST	ATUTE MIL	ES.						
risers	≥ :	≥ 6	≥ 5	≥ 4	≥ 5	≥2%	≥ ;	≥ . %	≥11/4	≥ '	≥ 4	≥%	≥ ٧.	≥ 5/16	2 4	خ≤
NO 11EUNIU ≥ 2000U	42.3	46.4				55.2 62.3	49.5 53.1	59.4 53.6	59.5 53.7		59.8 53.9	59.E	54.1	ξο.ν 54.1	= 7.9 64.1	54.2
골 18000 골 5000	42.4	49.1				£3∙0 £3•0	53.9 53.9	54.4 54.4	54.4 54.5	64.5 54.7	54.7 54.7	54.7 54.3	54.3 54.9	64.9   34.9	64.9 64.9	
≥ 14000 ≥ 12000	42.7	49.5				53.4 63.9		54.7 55.2	54.5 55.3	65 . 5 55 . 5		65.1 65.6	65.2 55.7	65.8	55.3	55.1 55.6
3 9000 2 9000	44.2	51.5 52.2		1 1 1 1	6= .4 56 .0	65.5 67.2	67.4 53.1	57.9 65.6	58.5	66.2 53.9	5° . 7	63 69.7	50.4 57.1	59.5 59.2	69.5   59.2	
≥ 9000 ≥ 2000	45.2					69.5 72.3		1	71 • 1 74 • "	71.3 74.2		71.4	71.5 74.5	71.5 74.5	71.5 74.5	71.7
≥ 6000 ≥ 5000	47.6 48.1	56.5	52.2	53.9	72.5	73.8	74.3	75.4	75.5	74.5 75.8	75.9	74.7	75.1	74.9 75.2		76.3
≥ 4500 2 4000	49.5	53.2	64.2	65.9		76.2	77.3	76.3	78.1	76.2 78.4	79.5	76.4 75.5	75.5 75.7	75.3	76.5 78.3	
≥ 3500 ≥ 3000	50•6 ⊃2•á	51.3	59.4	71.4	82.9	84.4	85.7	86.5	86.6	27.1	81.8 87.3	31.8 97.3		27.7	52.7 27.7	
2 2500 2 2005	23.3		71.3	72.7	86.3	58.1	92.3	91.3	39.5 91.7	90.1 92.3	92.5	90.4 92.7		93.2	97.8   93.2	
≥ 1800 ≥ 1500	_3.9 <u>33.6</u>		72.0	73.8 74.2	86.9	88.9		02.3		92.5 93.6	93.9	92.8	93.2	94.5	97.4 34.5	34.5
≥ 1200 ≥ 1000	53.6	63.5	72.2		87.8	99.8	92.3	93.7		95.5	95.4	94.6		96.3	55.3 95.3	<del>ეგ</del> აქ
2 90€ 2 800	53.6 53.6	63.5	72.2	74.6	87.9	90.2	92.5		94.2	95.4	95.9		95.7	95.9	96.9	97.1
2 700 2 600	53.6	63.5	72.2		88.2		93.3	34.6	95.0	96.0	96.5	96.6 96.7		97.5		97.9
2 500 2 400	53.6	63.5	72.2	74.7	88.2		93.0	94.8	95.1 95.2	96.3	96.7		97.7	97.9 98.2	98.4	76.6
2 20C	53.6	63.5	72.2	74.7	88.2		93.1	$\overline{}$			96.8	97.1	98 • 1 98 • 2	98.3	39.5	59.4
÷ 00	53.6 53.6			1			1	94.9	95.2 95.2	96.3 96.3		97.1 97.1	93.2	98.5 98.5	39.7	99.9 100.0

SEUPAL CLIMATOLOGY BRANCH Upafétac al- Leather Service/Mac

## CEILING VERSUS VISIBILITY

<u>--7 , 7 - : </u>

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18. ~ .						-	٠ >	B . '- '	A". "E MI.	£5				<u> </u>		
/*55.	≥ 15	≥ 6	≥5	≥ 4	≥ }	≥2%	≥;	≥ ″	21%	≥ '	2.4	≥%	27	≥ 5/16	2 4	≵ز
NO 1EUN1 ≥ 2000C	34.7	43.4	46.1 52.3	45.6 32.8	55.7		51.3 31.8	1 1 .3 28 . 3	11.5 4.8ر	51.5 58.5	1 8 P	51.9 50.5	58. 54.9	52.3 58.3	1 ? • <b>1</b> 5 9 • 7	52.1 59.0
≥ 18000 ≥ 5100	58.9 33.9	49.1	52.7 52.8	°3.5	57.5 57.6	53.1	55.5 59.7		აშ <b>.</b> 2 კშ <b>.</b> 3	55.4 Ey.5	39.E	59.0	ე^.7 ე^.მ	70.5	39.9 59.9	19.5 59.0
≥ 14600 ≥ 12000	39.2 39.9	49.4 5.5.5	54.1	54.0 55.0	5 = .0	59.7	<u>67.3</u>	.53.€	:1.	60.1 61.2	50.1	51 51.7	5 \ . 7 5 l . 4	51.5	5 • 4 5 <b>• 5</b>	50.4 21.5
2 000€	41.5	52.9 53.5	57.1 57.7	58 • 1	67.5	54.5	63.8 64.5		55.3	64.7 55.5	55.5	64.8 55.7	54.0 54.0	65.3		
≥ 8000 ≥ 7000	45.5	56.5 55.5		63.9	57.1 69.2	73	77.6	71.5	71.5	59.5 71.8	72.	69.7 72.	77.2			70.0 72.3
2 5000 2 5000 3 4500	45.7	50.8 50.8	63.5	64.9		71.2	72.1	72.7	72.0	72.5 73.1	73.2			72.5 73.5	72.5 72.5	72.7
± 4000 ± 4000	45.3 47.3	5J.4 51.5	54.1 55.5	65.2 55.8 68.2	70.8 72.6 74.3	73.4	74.3				75.5	70.5	15.7	75.7	75.9	1
2 3000	50.9 51.9	55.3 57.	71.3	72.8	79.8 82.7	93.9	81.9	92.7	52.d		03.3	33.4			23.7	7 . 3 ج
2005	52.9	65.3 53.5	75. 75.3	76.7		36.2	37.6				97.4	37.4		99.7 99.2		
2 1000	3.3	59.3 59.7	76.3		87.0 85.1	ან <b>.3</b>	89.9	91.0	91.2	91.7	91.9	92.	92.2	92.3	_	32.4
2 906	53.7	59.9 70.0	77.3	79 • 1 79 • 2		၇၇.မှ	92.3	93.6	93.9	94.5	94.7	94.3	95.1	95.2		95.7 95.7
≥ R(d) ≥ 700	53.4	70.1	77.5			91.2 91.5				96.2	96.5		97.1	97.1	95.4	97.3
≥ 600	53.3	7 2 • 2		79.7 79.8	9 • 3	92.5	94.2	96.0	96.3 96.4	97.2	97.8	97.7	76.4	97.3 98.5	99.7	28.7
± 300 ± 200	53.4 53.4	75.2		79 • 8	9 • 2	92.5	94.3	96.2	96.5	97.5	98.2	93.4		99.2	99.4	19.5
2 200 - 100	53.1	70.2 70.2 73.2	77.3	79.8	90.2 90.2 90.3	92.1	- 1	96.3	96.7 96.7 96.4	97.6	98.3	93.5	99.2	39.4	99.5	99.9

#### PART D

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	¥ 5
5	6
6	8
7	<i>9</i>
8 (or obscured)	10

CLOHAL CLIMATOLOUY RRANCH USAFETAC ATR WEATHER SERVICE/MAC

**SKY COVER** 

97.744 STANICN FAF KO 69.73.75-53

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVE	R			MEAN HITENING OF	1.21A. NO 64
	. S.T. !	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
LAY.	pu-02				-		<b>-</b>	<del> </del>		-		ļ	<u> </u>	·
	<u> </u>		ļi											
	<u>                                      </u>	   <u>40•2</u>			5.0			5.2		-	15.3	40.5	£ . 4	2
	·-11	37.5	12.5		5,3	<u> </u>		3.1		3.1	<u> </u>	37.5	4.5	3.2
	114	35.3	5.3		21.3	5.0	5.7	15.0			5 • C	15.5	7.7	2.3
	-17	36.4	4.5			9.1	<u> </u>	· ·	· · · · · · · · · · · · · · · · · · ·	4.5	9.1	36.4	5.2	2.2
	1=-21	<del> </del>							: 	-		ļ	ļ	
	21-23	! : 							<u> </u>				<u> </u>	
	-		!		-	 		<del>!</del>		-	-		ļ	
					<del>;</del>			<u> </u>						
		ļ			ļ						ļ	ļ		· — —
	ļ	ļ • ———									<u></u>			
10	TALS	37.2	5.5		7 a 8	_3.5	1.3	4.5		1.9	5 . 3	32.2	4.7	94

	USAFETAC	FORM JUL 64	0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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COURAL CLIMATOLOGY BRANCH LAFETAC ACK MIATHER SERVICE/MAC

**SKY COVER** 

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F.<u>E. 5</u>

A-1 N * 4	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN * TENTHS OF	TOTAL No. C.E.
-	, š ↑ ! •	0	1	2	3	4	5	6	7	8	9	10	58 Y (10) (6 P	. 85
EB.	<u> </u>				:					· •	·	·	•	_
	<u> 53-25</u>	-						;						
	. <u>1</u> . <u>1</u> 6-38	57.1	2.9					ۥ5		2.3	11.4	17.1	<u>. 3.5</u> .	
	- 11	35.0	5.:		7.3	1.7	3.3	3.3		€.7		33.3	. 5.2.	5
	12-14	36.5	7.9		[		2.6			7.9	12.5	34.2	. : • 2 .	3
	15-17	21.4	7.1			3.6		7.1		7.1	3.6	50.0	. 5.5.	2
	13-20									<u> </u>	ļ	<u></u>		-
	21-23	ļ									! <del>!</del>	-	<u> </u>	
		<del> </del>								i !	<u> </u>	<u> </u>	· · · · ·	
		ļ 								<u> </u>			·····	
	<b>-</b>	ļ												
	<del>-</del>													<del></del>
to	DTALS	37.6	5.7		8	1.3	1.5	4.8		6.2	8.5	33.7	5.1	16

	USAFETAC	FORM 0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE		
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1			N# (#. 7		 

**SKY COVER** 

SLOPAL SLIMATOLOGY BRANCH STAFETAS AIP WEATHER SERVICE/MAS

STANION 4AF KO 73-79 MEROD MAR

MONTH	Hours	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF	101AL NO OF	
	L S T	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
MAE	E5-02				<u> </u>					ļ			ļ	
	13-05	ļ								<u> </u>	i •	-	ļ	
	\    <u>                                   </u>	22.5	5.2		5.2	7.5	2.5	5.7		5.1	5 • S	42.5	ŧ.o.	40
L	Ex-11	23.4	4.3		ļ	6.4	4.3	6.4	, +——-	10.5	2.1	42.6	5.2	47
	12-14	29.4	5.9	<u> </u>	<u> </u>	11.9	2.9	2.9		8.5	17.5	121.6	5.2	34
	1=-17	4.9	2.4		12.2	4.9	4.9	9.8		2.4	C B	43.3	7.4	41
	12-23	-			-							<u> </u>		
	71-23	ļ			<u> </u>						ļ 	·	ļ	
	· <del>•</del>	: 				 								
		<u></u>	ļ •										ļ	
! !		<u> </u>		L		ļ				ļ			ļ	<del></del>
<del></del>	-i	ļ												
TC	)TALS	23.1	4.4		4.3	7.7	3.7	_6.0		6.7	8.6	38.5	5.2	162

	USAFETAC	FORM JUL 64 0-9-5 (OL A	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	
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SUBBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

**SKY COVER** 

93244	SIANION	AAF	KQ
STATION			SMAIN PICITATE

73-79\_\_\_\_

\_ A P B \_ ...

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTI	HS OF TOTAL	SKY COVE	R			MEAN .	TOTAL NO OF
	LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	UBS
<u> </u>	<u> LB+32</u>							! !		-			ļ	
	3-05		<u> </u>							<del> </del>		<u>i</u>	ļ	
	C6-68	13.3	13.0		3.3			10.2		3.3	13.3	45.7	5.9	3
	19-11	13.2	4.1		6.1	5.1	8.2	8.2		10.2	13.2	36,7	5.3	4,
	12-14	6.8			4.5	9.1	6.9	9.1		6.9	27.3	29.5	7.3	4 (
· <del></del>	15-17	15.6	15.6			12.5		6.3		 	9.4	42.6	5.9	3
	1:-23	<b>_</b>	!				<del></del>							
	21-23	ļ	<u>;</u>		ļ			<u> </u>			ļ 	<del> </del>		
	+	!	-	<del></del>	ļ	 				ļ	<u> </u>		ļ	
	·	<u> </u>			-									
		ļ			-					1				_
	1	ļ 	<u> </u>				=			_	ļ			
01	TALS	11.5	7.4		3.5	6.9	3.8	8.4		5.1	15.1	38.4	6.7	15

USAFETAC	FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	
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SLUBAL CLIMATOLOGY BRANCH USAFETAC AIS WEATHER SERVICE/MAC

**SKY COVER** 

3244 STANTON AAF KO STATION NAME

73-79

MAY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO OF OBS
MONTH	(£ 5 T )	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
MAY	55-32				<u> </u>								ļi	
	<u> 13-05</u>						ļ							
	D6-08	4.2			4.2	12.5	4.2	9.3		4.2	9.3	54.2	7.8	24
	<u> </u>	12.5	7.5		5.0	2.5	5.3	7.5		22.5	2.5	35.3	5.5	40
	12-14	75	7.5		2.5	5.0	2.5	5.0		7.5	2.5	60.3	7.6	4 3
	15-17	12.8	2.7		2.7	2.7	13.8	2.7		13.5	13.5	40.5	7.3	37
	1=-20										-			
	<u> </u>				ļ					-			!	
	:	<u> </u>			-				<del></del> -					
	-		_		ļ			-		-		_		
	<del> </del>						<u> </u>							
·	.i	-		,, <u> </u>						<u></u>	ļ <u>.</u>			= <del></del> =
10	TALS	8.8	4.4		3.6.	5.7	_5.6	_5.9		11.9	6.7	47.4	7.3	141

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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**SKY COVER** 

STATION STATION NAME	-	43244	STANION AAF KO
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73-79

JUN

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS CF	TOTAL NO OF
MONTH.	.L S T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
עטע	<u> </u>						<del> </del>					<b> </b>		
	3-05				ļ					<u> </u>	ļ	ļ	ļ	
	D6-38	6.5	6.5	<del></del>	3.2	3.2	3.2	6.5	·	19.4	19.4	32.3	7.4	31
	:9-11	6.7	8.9		6.7	2.2	4.4	6.7		24.4	5.7	33.3	5.9	45
	12-14		401			10.2	12.2	6.1	·	14.3	15.4	34.7	7.7	49
	15-17	4.8	9.5		4.9	7.1	9.5	2.4	<del></del>	9.5	7.1	45.2	7.1	42
	18-20										<b> </b>		-	 
	21-23					ļ 	<b>}</b>		) <del> </del>	ļ			ļ	
	1					ļ 							ļ	
, <del></del>						<u> </u>							ļ	 
<del></del>							ļ							
<del></del>	<u> </u>					 	<u> </u>							
10	TALS	4.5	7.3		3.7	5.7	7.3	5.4		16.9	12.9	36.4	7.3	157

	USAFETAC	FORM JUL 64	0-9-5 (OL A	) PREVIOUS EDITION	NS OF THIS FORM ARE OBSOLETE	Ē.		
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SLUBAL CLIMATOLOGY BRANCH UNAFETAC AIR MEATHER SERVICE/MAC

SKY COVER

STANTON AAF KO STATION NAME

73-79

JUL\_

MONTH	HOURS				PERCENTAG	FREQUEN	CY OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	
MONTH	(LST.)	0	ı	2	3	4	5	6	7	8	9	10	SKY COVER	
الألـ	13-02					·				<u> </u>				
	3-25											ļ	ļ	
	06-08			 	3.6					<u> </u>	25.6	46.4	2.3	26
	C9-11		2.6		5.1		10.3	2.6		2.5	12.8	64.1	2.6	3 9
	12-14			 	4.2	8.3	20.8	4.2		8.3	12.5	41.7	7.7	24
	15-17				5.6	8.3	13.9	8.3	·	11.1	11.1	41.7	7.8	3 (
	13-20			<u> </u>		·								
	21-23			<u> </u>						<del> </del>		<del> </del>		
	+		ļ	<del> </del>		·	-			<del></del>				
							-			-				
					-					-				
						<del></del>				<del> </del>				! <del></del>
10	TALS		7		4.6	4.2	11.3	3.8		10.9	16.3	46.5	9.3	12

	USAFETAC	FORM JUL 64	0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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**SKY COVER** 

+3244 STANTON AAF KO STATION NAME

73-79

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MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL				MEAN TENTHS OF	TOTAL NO OF
	LSTI	0	1	2	3	4	5	6	7 8	49 1	10	SKY COVER	OB5
A U 5	ru-22						<u> </u>	-			ļ		
	13-35									ļ <u>.</u>		ļ	
	<u> </u>	8.3			4.0		8.5	12.3	4.3	4.5	60.2	7.9	2 5
	1:9-11	9.5				4.8		14.3	19.5	9.5	42.9	7.7	2 :
	12-14		7.4			7.4	7.4	14.8	14.8	11.1	37.0	7.5	
	15-17	6.7	6.7			3.3	6.7	3.3	3.3	5.7	63.3	7.9	3;
	18-25			<u> </u>						ļ		ļ	
	21-23									ļ		ļ	
	<del> </del>			  - <del>-</del>						ļ	-	ļ	
								ļ		ļ			<u> </u>
· —													
10	TALS	6.1	3.5		1.0	3.9	5.5	11.1	10.3	7.8	50.8	7 . B	10

	USAFETAC	FORM JUL 64	0-9-5	(OL A)	PRÉVIOUS EDITIONS OF THIS FORM ARE OBSOLÉTE.
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SCUPAL CLIMATOLOGY BRANCH Usafetac Air Weather Service/Mac

**SKY COVER** 

47744 STATION	STANION AAF KO	73-77.79	SEP MONTH
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MONTH	HOURS	ļ			PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVE	E R			MEAN TENTHS OF	TOTAL NO OF
	; ;L.S.T.1	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
<u>5:P</u>	<u> 13-32</u>						<u> </u>							
	3-05				<u> </u>	ļ	ļ <u>.</u>	ļ		<u> </u>	<u> </u>	<u> </u>		· · · · · · · · · · · · · · · · · · ·
	82-67	12.2	7.3		-	4.9		19.5		12.2	19.5	24.4	5.5	4
	<u> </u>	9.1	12.1		<u> </u>	5.1	3.0	15.2		12.1	21.2	21.2	5.4	3_
	12-14		23.3		ļ	10.0	5.7	10.0		13.0	15.7	23.3	5.2	3
	15-17	2.4	4.8		4.8	9.5	19.3	14.3		4.8	9.5	31.0	6.7	4
	18-23						ļ			ļ <u> </u>			-	
	21-23					ļ	ļ				ļ			
	•						-					-		
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	+				ļ							<u> </u>		
	<u> </u>													·
101	TALS	5.9	11.9		1.2	7.6	7.2	14.8		9.9	16.7	25.3	5.5	14

USAFETAC	FORM 0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
		<b>6.</b> _	j
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SECRAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 94 - 200 - 94 30 2035

SKY COVER

43244	STANTON	AAF	K 0
STATION			STATION NAME

73-78

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MONTH	HOURS	Ţ			PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVE	R			MEAN TENTHS OF	701A.	
MON H	, (LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	08S	
120	<u> </u>				ļ		ļ <del> </del>			ļ		ļ			
	3-05	-		<u>-</u>	-		<b></b>	ļ <u></u>		<del> </del>	-	<u> </u>			
	C6-38	7.7						7.7		7.7	15.4	61.5	3 • 6	13	
	<u> 69-11</u>	33.3	5.0		13.0	5.0	5.5	10.3		25.5	5.0	5.3	4.4	2.3	
	12-14	11.1			11.1		16.7	5.6		11.1	5.6	38.9	5.8	18	
	15-17	27.3	4.5		-		ļ	9.1		27.3	13.6	18.2	5.8	22	
	23-غا	: 					<u> </u>			ļ		-			
	21 <b>-23</b>				-		<u> </u>			<del> </del>	ļ	<u>                                     </u>	-		
	ļ			<del></del> -	<del> </del>					ļ					
	·	<u> </u>		~~~	<del>                                     </del>		ł <del> </del>			<del> </del>		<u> </u>	ļ		
	: 				 		. <del></del>								
	<u> </u>														
10	TALS	19.5	2.4		5.3	1.3	5.4	8.1		17.8	9.9	33.9	5.4	7.3	

USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	
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CLURAL CEIMATOLOGY PRANCH Ulafetac Ale Weather Service/Mac

**SKY COVER** 

STANION AAF KO STANION NAME

74-77.79

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MONTH	HOURS	)			PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO DE
MONIH	,LST1	0	1	2	3	4	5	6	7	8	9	10	SKY COLER	085
NON_	ta-52		! <del> </del>						L	<del> </del>			ļ	
	<u> 22-05</u>	-								ļ				. —
	16-38	43.8	5.3					5.3		6.3	5.3	31.3	4.6	16
	<u> </u>	41.2	11.8					ļ		11.€	11.8	23.5	4.5	17
	12-14	25.3	25.3							12.5	25.3	12.5	4.8	
	15-17	<u> </u>	15			13.5				21.1		36.9	5.9	19
	<u>1=-23</u>	! <del>!</del>						ļ	ļ	ļ	ļ	ļ		
	21-23	<del> </del>								ļ			<u> </u>	· 
	<u> </u>	<del> </del>	! 					-						
	·	<del> </del>						-		<del> </del>				<del> </del>
	<del> </del>	ļ							<u> </u>				ļ	! <del>!</del>
	<u> </u>													<del></del>
10	TALS	32.8	13.4			2.5		1.6		12.9	13.3	25.2	5.3	50

	USAFETAC	FORM JUL 64 0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
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1		<del></del>	Super Super	

SLUBAL CLIMATOLOGY BRANCH ...AFETAC A:0 weather service/mac

**SKY COVER** 

9 Z 4 4 STANTON AAF KO STATION NAME

74-79

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN !	NO OF UBS
	(£ S T 1	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
DEC	ru-u2	i 			! <del>!</del> ;						ļ	ļ		
	13-25													
	26-38	43.8			5.3	6.3	12.5	6.3		ļ		25.0	7.9	1.5
	9-11	58.3	3.3			8.3				ļ		25.3	2.9	1
	12-14	62.5					12.5	12.5			<u> </u>	12.5	2.6	
	15-17	56.3	6.3		6.3		ļ	-		ļ	12.5	15.8	3.3	1.
	1=-20						ļ +	· .						
	21 <b>-23</b>							!						
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	·							!			<u> </u>	ļ. <u>.</u>		
	<del> </del>									<u> </u>				
	<u> </u>								=	<b></b>				
101	TALS	ا اع.وفا	3.7		3.2	3.7	5.3	4.7			3.1	20.3	3.2	5

	USAFETAC	FORM JUL 64	0-9-5 (OL A)	PRE ("OUS EDITIONS OF THIS FORM ARE OBSOLETE.			
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ULUBAL CLIMATOLOGY BRANCH U AFETAC Alh Weather Service/Mac

**SKY COVER** 

43244	STANION AAF	K0
5 A 25		STATION NAME

69,73-50

PERIOD

ALL

MONTH	HOURS	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN .	*O*AL		
	(1.5.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS
۸۵۲ .	ALL	37.2	5.5		7 . 8	3.5	1 • Z	4.5		1.3	6.3	32.2	4.7	94
Eia	i - • ———	37.6	5.7		. 3	1.3	1.5	4.3		6.2	6.5	7 • 3 د	5.1	161
442	i <b>.</b>	  -20•1	4.4		4.3	7.7	3.7	6.2		6.7	4.6	38.6	· · 2	162
A22		11.5	7.4		3.5	6.9	3.5	8.4		5.1	15.1	38.4	5.7	155
<u>~AY</u>	:	<b>3.8</b>	4.4		3.6	5.7	5.6	5.9		11.9	5.7	47.4	7.3	141
		4.5	7.3		3.7	5.7	7.2	5.4		16.3	12.9	36.4	7 . 3	167
ا الحالف			. 7		4.6	4.2	11.3	3.8		10.9	15.3	43.5	5.3	127
<u> </u>	·	5.1	3.5		1.0	3.9	5.5	11.1		12.3	7.8	50.8	7.5	103
iEP.		5.e.9	11.9		1.2	7.5	7.2	14.8		9.5	15.7	25.3	5.5	145
		.19.3	7.4		5.3	1.3	5.4	3.1		17.8	9.9	32.9	5.4	73
NOV _		32.8	13.4			2.6		1.6		12.9	13.8	26.0	5.2	6.3
JES	· · · · · · · · · · · · · · · · · · ·	. 5.2	5.7		3.2	3.7	6.3	4.7			3.1	20.3	3.2	5 2
101	TALS	. 1 4 . 9	5.9		3.3	4.5	4.9	5.5		9.2	10.2	35.7	5.2	1441

	USAFETAC	FCFM JUL 64 0 9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
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U S AIR PORCE MYDOMETAL TECHNICAL APPLICATIONS CENTER

PART E

### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and vet-bulb temperatures, dev points, and relative municity. The order and manner of presentations follows:

- 1. Orgulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the numberive percentage frequency to tenthe of temperature by 5-dagree Fahrenheit inspendents, plus mean temperature, standard devictions, and test number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
     b. Daily minimum temperatures
     c. Daily mean temperatures

  - FORT: Beginning in Jamesy 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all hours per day, and where maximum end minimum temperatures are required but not recorded, these are also selected from hourly data mus and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as Jamesy 1949 and later. Flease refer to notations on summary pages and Station History from as early as Jamesy 1949 and later. Flease refer to notations on summary pages and Station History for further information on reporting practices of individual stations.
- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. As annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for eay column. Two tables of daily extremes are propaged;
  NOTE: Direct conversion of temperatures from Celsius to Fahrenneit values
  - a. Extreme maximum temperature results in the anclusion of certain values. The conversion method used Extreme minimum temperature at OL A to present these data may result in differences not exceeding + 1 V
  - from directly converted values but excludes no Fahrenheit values.

    The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horisontally; by 2-degree intervals of dry-bulb temperature appead vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and vet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dev-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
    - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
  - b. Statistical data for the individual elements of relative humidity, dry-bulb, vet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations  $(\sigma X)$ . The number of observations used in the computation for each element is also shown.
  - c. At the lover right of the form are given the pean number of hours of occurrence for six ranges of ary-bulb, vet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Hean number of hours is shown to tenths and imminates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
    - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
  - Heads and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and again at the bottom for all hours equipmed. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, MET-BULB TEMPERATURE.
- 5. Qualitative percentage frequency of <u>coourrence</u> of <u>relative hunidity</u> This summary is derived from bourly observations and presents the summative percentage frequency of occurrence of relative hunidity by increments of 10% classes, plus the mean relative hunidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - Table c is prepared by month by standard 3-bour groups, with the hour groups being the vertical argument and a separate page for each much. All years are also combined for this summary.

2 [] **DAILY TEMPERATURES** CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM DAILY OBSERVATIONS AUG IV IV IV IV IV IV IV IV IV IV 10. 5.0 2.1 22.1 24.2 79.4 95.7 95.4 99.5 21.4 21.4 27.9 79.0 \*\*\* 39.1 MI A W M W \*\*\*\* MEAN TOTAL OBS

2 1111

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m

DAILY TEMPERATURES

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

 TEMP OF	 JAN	FEB.	MAR	APR	MAY	JUN.	JUL.	AUG	SEP	oct	NOV	DEC	ANNUAL
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			11.			• . •			•	7	-	•	•
	•	1.5	11.5							6.3		•	
		13.1	÷ 3							•	•	•	•
	17.	21	57.5	35.i						•	•		•
	-	7.7	74.0	77.0						•	•	•	•
		-								•	• •	٠٠٠.	•
	. 4	53.7	18.1	1" 5.0							5 • *	• • •	•
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OTAL OBS	•	•	• 2	•		•		•		•	•	•	• *

1311

2 **DAILY TEMPERATURES** STATION NAME 1111 CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM DAILY OBSERVATIONS MAR 1EMP °F JAN APR FEB AUG 37.7 33.8 • " ≥ 12.5 77.5 7:1 57.3 92.4 93.3 93.8 29.6 3-1 1 J. 3 3-7 49.2 13.4 99.3 1 0.0 170.7 . ≥ 3311 7. 7- • 4 ≎7.: 7 . 3 78. 7.45 172. 7.45 98.7 95. · 15.5 115.5 ≥ 37.7 2 MI | ≥ ≥ 2441 ≥ j≥ MEAN 5 D TOTAL OBS USAF ETAC FORM 0.21 5 (OL 1) PREZIONS OF THIS FORM ARE OBSOLETE

SLOBAL CETMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

#### **EXTREME VALUES**

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

41244 STANTON AAF KO STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH YEAR		AN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	ост.	NOV.	DEC	ALL MONTHS
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- :: : : 75	+ -	44*	51			T			96*		77			*
75	<b>*</b>	4.7 *	51			1	- 1		91*		75			
77	* *	39*	5 5						91+		8 2		55	*
75	*	44 *	51		/				96*	1	8 D		57	
7 🥱	*	55*	54						93=	86*	81			*
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	+						+					*	1	
MEAN	+	+						-					<del></del>	
\$. D								•			-			
TOTAL OBS	<b>†</b>	224	230	235	228	261	251	253	24.1	213	253	197	230	27

FORM 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 085)

SLUBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

#### **EXTREME VALUES**

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

+1244 STANTON SAF AD STATION NAME 53-AD 53-AD

#### WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	l. ,	MAY	JUN.	JUL	AUG.	SEP.	ОСТ	NOV.	DEC	ALL MONTHS
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	* -13				28⊭	42*	53*	64*	6 2 <b>*</b>	42*	3 0 🗢	15#	10	* -1
72	* 12	+	·		24 <b>×</b>	37*	<u>55</u> ≯	62 <b>*</b>	57*	42*	28*	5*	10	
73	* 13			- 1	26*	46*	55*	68#	71+	37*	26		_ [	
74	·	*			3 <u>3</u> #	37⊭	51*	62#	57#	42*	28*	14+	5	
75	_	, jetr		15*	3 C 🗢	42+	59×	62*	62*	53≉	37*	17*	1	*
76	* -Z			+	26*	37*	51*	57*	62*	44+	3 C +	17*	-2	+ -
77	* -5			;	33*	39*	53*	64#	60*	39*	33+	17*	10	* -
73_ 79	·	+			28*	39*	48*	64#	64+	48*	30*	15*	8	*
				19*	28	41+	53*	6 ⊅	51≠	43*	36₩	10	-9	* -9
35		-	2	+	<del>-  -</del>									
MIN		<u> </u>												
S. D		1	1											
TOTAL OBS	224	23	3 2	352	28	261	251	253	241	218	250	197	230	278

NOTES + (BASED ON LESS THAN FULL MONTHS)

FORM 0-88-5 (OLA) # ( 'T LEAST ONE DAY LESS THAN 24 085) USAF ETAC

-**`**}

SLOBAL CLIMATOLOGY BRANCH JEAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

69-77,73-37 STATION STATION STATION NAME PASE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint 45/ 45 44/ 43 • 1 42/ 41 • 1 1 12 12 7 11 35/ 35 34/ 23 ` 2 22 22 72 32 .1 2.3 27 7.5 94 3.3 . 5 21 2.5 2.9 3.2 • 3 • 1 ~27 1 / 17 3.3 39 1.7 4.3 .7 2.2 13 21 4.5 49 30 ٠. ن 54 27 2.4 1.1 3.2 5 4.0 4.2 55 5 **9** 31 31 3.3 2.4 13 19 ./ 1 0 7 3 -5/ -7 8 -1:/-11 -1\_/-13 -14/-15 <u>-16/-17</u> Total 717 717 44.550.2 4.7 Element (X) No. Obs. Mean No. of Hours with Temperature 82.511.740 17.011.088 717 Rel. Hum. 49833.14 59180 ≤ 32 F ≥ 67 F ≥ 73 F - 80 F ≥ 93 F 10F 296335 717 5 . 3 83.7 93 Dry Bulb 12221 16.310.745 93 93 717 Wet Bulb 272255 11559 5.4 84.7 Dew Paint 214744

ETAC FORM 0.26-5 (OLA) REVISEO REVIOUS E

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WENTHER SERVICE/MAC

STATION	3:	AVIJ	· 4	51	ATION N	AME				0.7-	1 1	3-83		Y	EARS						DNTH
																		D 4 5	c 1	19)	: - 11 (L. \$. T.)
Temp.	_					WET	BULB T	EMPER	ATURI	DEPR	ESSION	(F)		-	-			TOTAL	Ī	TOTAL	
( <b>F</b> )	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 3	0 = 31	D.8./W.8.	Dry Bulb		
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Element (X) Rel. Hum.		~ X.	-		- X	_+-	*		+	No. 01	»».	= 0 1		± 32 F	Mean P ≥ 67		> 73 F	h Tempera	» 93	£	Total
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Dew Point									$\dashv$						_	-		<del>                                     </del>	+	-+	
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SLOTAL CLIMATOLOUY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

4 244 STANTON SAF KO STANTON PARE 7930-1100 HOURS (L. S. T.) 2435 2 WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION (F)

1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint Temp. 1 771 771 771 Element (X) X No. Obs. Mean No. of Hours with Temperature 4322 33 Rel. Hum. 56570 73.414.918 10F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 461789 Dry Bulb 17201 22.310.022 771 77.7 1 • 1 29.6 9.665 14.611.854 Wet Bulb 771 398102 15858 81.3 1.2 273609 771 87.7 Dew Point 11293 12.7

69-73,73-83

MEVIOUS EDITIONS OF ã 0.26-5 (OL

SLOBAL CLIMATOLOGY BRANCH USAFETAC A1R WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME 215f 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | \* 31 | D.B./W.B. Dry Buils | Wet Buils | Dew Point 5:7 55 47 53 • t • 1 4-/ 47 5 • : 1.8 3./ 37 3.8 1.1 5.0 1.5 .5 2.3 2.8 1.3 .4 1.1 2.7 1.3 .3 2.1 2.4 35 3.1 53 97 73 51 ± 7 1.8 3.0 2.3 6**7** 50 52 41 34 54/ 23 1.1 4.7 1.4 4.5 4.5 4.3 3.5 3.4 1. . 4 30 27 30 1 17 3.3 3.5 • 5 15/ 15 .7 1.5 15 51 1.1 1.3 1 / 11 • 3 22 -4/ -5 Mean No. of Hours with Temperature Rel. Hum. 10F ± 32 F = 67 F = 73 F = 80 F Dry Buib Wet Bulb Dew Point

59-70,73-00

BEVISED PREVIOUS EDITIONS OF THIS POSE ARE OSSOILETE 0.26-5 (OL A)

2 Z

GLORAL CLIMATOLUGY SAANCH UPAFETAC AIR #SATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

69-70,73-30 1270-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point -1-/-15 1:/-19 TOTAL 7. 20.144.125.2 5.4 1.1 703 Element (X) ZX No. Obs. Mean No. of Hours with Temperature ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 41747 23598 **9** 705 ± 32 F 30.2 9.035 26.3 8.579 Dry Bulb 698462 21258 705 <u> 54.</u> n 18566 705 67.8 305921

FORM 0-26-5 (OL.A) REVISIO REVIOUS EDITIONS OF THIS FORM ARE OBSOILTE

USAFETAC FORM 0.26-5 (O) A) RW

SUBBAL CLIMATOLOUY BRANCH USAFETAC

ATT WEATHER SERVICE / HAD

**PSYCHROMETRIC SUMMARY** 

14 244 STANTON AF 43
STATION STATION NAME 5<del>9-73,73-3</del>7

WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point

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USAFETAC NORM 0.26-5 (OLA) HYND REYDOUS ERICONS OF THIS FORM ARE DESCETE

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BLUBAH BLIMATOLODY BRANCH UMARETAO ATRIADATHLA SERVICEZMAC

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Rel. Hum.		~ X ·		<u> </u>	Z X		¥	* <u>*</u>		No. O	DB.	= 0		: 32 F	Meon No. ≥ 67 F	-		• 80 F	. 93		Tar.
Dry Bulb						+			$\dashv$			= 0	- + -	: 32 F	20/ F	+*/*	_	- 60 F	+ • • • •	- +	. •••
Wet Bulb					-	+-			-+-				-+-			+	+		+-	•	
Dew Point				-		+		-	+				-+			+	+			•	
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	AIR FORCE ENVIRONMENT STANTON AAF, TONGSO R MAR 81	AL TECHNICA	L APPLICATIONS EVISED UNIFORM	CENTER-ETC	F/6 4/2 SURFAETC(:)
UNCLASSIFIED	USAFETAC/DS-81/046		SBIE-AD-E850	074	NL
3 0+ 4 4100251					

LEUPAL CLIMATOLOGY BRAVEH. UIAFETAD PSYCHROMETRIC SUMMARY UIAH: NAU Aik Weather Servic /Mac 4 244 STANTON GAF KO NOMES 69**-7,73-**8 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Buib Wet Buib Daw Point -1 /-1 <u>-/-1:</u> :/-17 1-17 /-:1 /-:/ 17.137.127.014.5 3.5 2934 • 1 BEVISED MEVICUS EDITIONS OF THIS FOLM ARE OSSOURTE 0.26-5 (OL A) 8 5 2 5 -Element (X) ZX No. Obs. Mean No. of Hours with Temperature 10F 12F +67F +73F +80F +93F 194546 69.618.103 71536 25.211.482 64197 22.710.443 Rel. Hum. 28**3**4 14283502 Total 2179234 Dry Bulb 2834 13.7 594.1 Wet Buib 1763171 43921 15.512.207 2834 99.5 689.7 744 1132815

<u>(5)</u>

SLOPAL CLIMATOLOGY BRANCH USAFETAC ATTA MEATHIR SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

																			. !	HOURS	L. S. T.1
Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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Ref. Hum.											-1	= 0 1		32 F	≥ 67	F .	73 F	≥ 80 F	× 93	F	Total
Dry Bulb																			<b></b>		
Net Bulb								<u> </u>								-		<b></b>	—		
Dew Point						- [			ĺ		ſ		ĺ	i		i		ſ	1	i	

USAFETAC FORM 0.26-5 (OL.A) REVIND MEYOUS IDFFORMS OF THIS FORM ARE OLDICITY

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Temp.						WET	BULB	TEMBER	ATUDE	DEPRE	SSION	E)						TOTAL		TOTAL	
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Element (X)		Σχ'			ž <sub>X</sub>		X	**		No. Ob								h Tempera			
Rel. Hum.			5942		554		92.3				74	= 0		≤ 32 F	≥ 67	7 F   1	73 F	≥ 80 F	<b>-</b> 93	F	Total
Dry Bulb			9913		139		20.7				74			69.7		$\perp$					
Wet Bulb			9279		133		19.8				74			72.3					4	_	
Dew Point			4793		107		16.0			6	74	12		75.4							

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SLOSAL CLIMATOLOGY BRANCH USAFETAC AIR ASATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

CA 744 (CT/412 445 4)
12 HOITATE WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point • 1 4-7 47 • 4 4:/ 45 • ? 21 .7 1.4 2.1 1.3 12/ 4. 1.7 . 5 1.4 5; 34 34/ 23 2.9 2.8 5 **1** 1: 2 2.2 2.6 1.4 4.6 71 To/ 25 2.4 44 2.5 1.7 39 3.2 1.1 1.7 1.4 23 2.9 • 3 1 • 5 -11 -3 -1./-11 -14/-15 Mean No. of Hours with Temperature Rel. Hum. 267 F 273 F 280 F 293 F ± 32 F 5 0 F Dry Bulb Wet Bulb Dew Point

69-10,73-80

0-26-5 (OL A)

BLCPAL CUIMATOLUUM BRANCH U AFITAC AIR WEATHER SERVICIMAC MAN HOLTAT A CTATE HOLTATE

## PSYCHROMETRIC SUMMARY

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	ļ					WET	BULB .	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
( <b>F</b> )	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>a</b> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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Element (X)		Ex'	1		z x		X	-		No. Ob	) <b>9</b> .		-		Meen N	lo. of H	ours wit	h Temperet	ure		
Rel. Hum.		390	6891		515	13	71.6	17.1	66	. 7	21	= 0 1		32 F	≥ 67		73 F	→ 80 F	• 93	F	Teral
Dry Bulb			8641		19		26.4	10.2	0.9		21	_		58.4		_			-		- 54
Wer Bulb Dew Point			2413		174	71	17.0	9.8 12.5	<u> </u>		21			55.2 72.3					+	+	بار ع ن

USAFETAC FORM 0.26-5 (OLA) MYSED REVIOUS EDITIONS OF THIS FORM ARE ONSOLES

SLOPAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAS

\$12110N		- 110	• • •	51	TATION N	AME				<u> </u>	-70,7				YEARS					м	DNTH
																		PAG	E t	12 HOURS	-14"
Temp.					•	WET	BULB	TEMPE	RATUR	E DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 10	17 - 16	19 - 20	21 - 2	2 23 -	24 25 - 2	6 27 - 28	29 - 3	0 - 31	D.B./W.B.	Dry Bulb	Wet Bull	Dew Poir
1.7.51 1.7.59				7	• `													1	1		
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40/ 45		<u> </u>	1,4	2.2	1.2	. 5		_		<u> </u>	-		ļ_		1		ļ	34	34		-
427 43	2	1.5	2.5	2.9	1.2	• 3 • 6	٠ د											.29 5 o	_	21	.] i =
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72/ 33	• 5	1.2						-		+-	<del>                                     </del>		+	+	+	+	1	26			31
2 / 29		2.5			• 3			-		┼	-		-	-	-	-	-	44			3 <u>t</u>
157 25		. 9	1.9	1.4	• 2					<u> </u>	<u> </u>	<u> </u>			ļ			∂ 8	2,8	4 8	3
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1 / 19		1.1	2.8															25 14	1 -	1 -	2 7
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Rel. Hum.			****			_		<b>─</b> ^				± 0	F	± 32 F	2 67		≥ 73 F	▶ 80 F	+ 93	F	Total
Dry Bulb																					
Wer Bulb				····					T				一十					T			
Dew Point																		<del> </del>			

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SECHAL CLIMATOLOGY BRANCH Unafetad Ale Arather Servic:/mac

STANTON STATION STATION NAME

## **PSYCHROMETRIC SUMMARY**

PASE ?

Mean No. of Hours with Temperature

≤ 32 F

34.3

52.3

70.9

\*67 F = 73 F = 80 F = 93 F

54

TOTAL TOTAL

646

645

646

646

53.116.743 33.8 9.394 29.3 8.621

19.711.942

37532

21337

18940

12729

69-77,73-80

YEARS

USAFETAC FORM 0-26-5 (OLA) REVISE MENDUS EDITIONS OF

Rel. Hum.

Dry Bulb

Wer Bulb

Dew Point

235132.

795361

533238

342807

THIS FORM ARE OBSOLET?

SLUBAL CLIMATOLDGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1 244 STATION	<u> 5 T</u>	ANTO	4 3 4	F 40						<u> 59 -</u>	70,7	3-87	,		YEARS					F	E =
STATION				5	TATION N	AME									TE ARS			215			
																		ن a ح	. i	HOURS	-17.
Temp.						WET	BULB	TEMPE	RATURE	DEPR	SSION	(F)						TOTAL	_	TOTAL	•
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5-7-55				• 3	• 2	• 2	1	• ?					1		1			5	5		
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45/ 47			. ?	1.3	• 7	• 5	• 3		-	-		<b></b>	<del> </del>	+	<del> </del>	<del> </del>	+	2.3	20		<del> </del>
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-2/ 41 41/ T9	• -	2.0	2.7	2.5	2.3	1.2									1		1	51	5.1		
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7 75		1.0	1.7	2.2	1.2	• 3									T			3.9	3.8	6.3	
3+/ 33	<u> </u>	. 8	1.5	3,3	1.3												1	4.2	42	56	3.2
75/ 31		1.7	• 2	3.	• 5		1	1										3.2	₹2		2.1
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Rel. Hum.						$\dashv$			$\dashv$	,	-	± 0	F	s 32 F	-		≠ 73 F	> 80 F	a 93	F	Total
Dry Bulb																					
Wer Bulb																					
Dew Point								ļ			$\neg \neg$							1	T		

USAFETAC FORM 0.26-5 (OLA) REVISO MEYOUS EDITORS OF THIS FORM ARE OLDOSTER

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CEDRAL CLIMATOLOGY BRANCH CCAFETAC Ala meather sepvice/mac

STANTON CAF 45

#### **PSYCHROMETRIC SUMMARY**

Temp.

(F) 0 1-2 3-4 5-6 7-8 9-10 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 21 | 0.8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8-W.s. | 0.7-8

No. Obs.

599

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10F

X

33112 55.317.511 21556 36.0 9.216 18437 30.8 8.167 12187 20.311.382 69-70,73-80

TAC 1084 0.26.5

Element (X)

2:137c6

325518

607369 325417

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

0-26-5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOUTTE

SUBBAL CLIMATOLOGY BRANCH CHAFETAC AIR ARATHER SERVICEMMAC **PSYCHROMETRIC SUMMARY** STATION STANTON LAF KO 69-70,73-80 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Buib Wer Buib Dew Point • 5 • 1 • 1 • • . 5.1 • 3 34 +2 • 2 • 2 • 5 • 4 • -4/ 47 . 4 .6 1. • 2 # 3 149 1.5 1 / 19 • 3 1 1 1.4 1.6 1.3 1.1 3.7 1.4 149 145 AN OBSCIETE .3 2.6 1.9 1.1 3.1 2.3 1.5 1.3 1:7 35 1 2 7 • 1 197 175 1 5 178 199 3-1 33 173 • 9 1 • 3 1 • 7 1 • 7 171 31 131 214 . 4 2 . 1 2.2 7 7 25 1.7 3.1 1.5 2 17 1:4 1.7 199 MIVISED PREVIOUS EDITIONS OF ·/ 23 2/ 21 155 1:0 1:5 134 2.7 19 107 125 1 • 4 92 39 1.1 1.5 1. : 1.2 11 148 148 1.1 47 0.26-5 (OLA) 33 31 5.3 3.8 7 33 79 3/ ? 3 2.3 19 77 1 2 1 3 3 Element (X) X No. Obs. Mean No. of Hours with Temperature USAFETĂC \*67 F \* 73 F \* 80 F \* 93 F Total Rel. Hum. 10F ≤ 32 F Dry Bulb Wer Bulb Dew Point

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# **PSYCHROMETRIC SUMMARY**

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Temp.					WET	BULB	TEMPE	RATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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Rel. Hum.	124	57919		1777	31	67.3	19.3	94	26		± 0 F		: 32 F	≥ 67	F	73 F	≥ 80 F	» 93	F	Total
Dry Bulb		80150		764	Ü 6	28.9	11.3	2.2	26		7.		33.7							ē:
Wet Bulb		50629		691		25.0	10.5	32	26		10		76.3						$\bot$	5/
Dew Point	1.2	95430	)	485	38	18.4	12.3	58	26	4 Ö T	53	. 1 5	73.1							5.7

54-7 ,73-0

USAFETAC FORM 0.26-5 (OLA) REVIED MEYICUS EDITIONS OF THIS FORM AND CONSCIENCE

USUBAL CLIMATOLOLY HRANCH U MESTAC ATT ATATHON SERVICIZMAC

## **PSYCHROMETRIC SUMMARY**

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Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Po
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USAFETAC FORM 0.26-5 (OLA) BRINDS REVIOUS EDITIONS OF THIS FORM ARE OLD CALLE

COLAC CETASTOLOGY GRANGS CARTINO ACCARTANA SEVALO ZMAC

# **PSYCHROMETRIC SUMMARY**

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Rel. Hum.								<u> </u>				± 0 F	-	= 32 F	≥ 67		73 F	≥ 80 F	+ 93 1	F	Total
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USAFETAC FORM 0.26-5 (OLA) NEVIND MEVIOUS EDITIONS OF THIS FORM ARE OLICOFTE

DEDRAL CLIMATOLOGY BRANCH DEAFTIAC ATH AFATH & SPRVICEMAC

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Temp.						WET	BULB	TEMPE	RATUR	E DEPRI	ESSION	(F)						TOTAL		TOTAL	
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Element (X Rel. Hum.	1	ΣX,			Z <sub>X</sub>		<u> </u>	• • • • • • • • • • • • • • • • • • •		No. Ob						. of Hours			_	–	•
Dry Bulb	<del></del>		734		<u>506</u> 292		27 2	8.2	70		74 74	± 0 I		25.0	≥ 67 F	2 73	-	■ 80 F	+ 93 1	· -	Tetal
Wer Bulb	+		ö739		26		33.7	7.3	32		74		+	39.4		+	$\rightarrow$		+		<del></del>
Dew Point	+		3627		204	20	26 0	9.8	13		74	<del></del> -	<del>-  -</del>	64.6		+	-		+	-	7

DECRAC CLIMATOLOWY RRAICH USAFLITAT ATH ALETHER SERVICEZMAL

#### **PSYCHROMETRIC SUMMARY**

STATION STANION STATION NAME 2850 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 31 D.S.W.S. Dry Bulb Wer Bulb Dew Point • 1 • 1 1.1 1. 1. 1.2 1.3 1. 31 59 12 1.1 1. 1.2 2.5 2.5 1.9 23 17 1.0 5 3 4 • 7 15 . 1.4 • 3 1/ 23 4 9 35 / 17 1 1/ 13 1 + ZX' Mean No. of Hours with Temperature ZX Ŧ No. Obs. ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. ≥ 93 F Dry Bulb Wet Bulb

65-73,73-79

(OL A) 0.26.5

TOTAL CEL MIOLES MANAGEMENT	SLOBAL	CLIMATOLOGY	BRANCH
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A CS MEATHER SERVICENAME

A CS MEATHER SERVICENAME

Temp.						WET	BULB	TEMPE	ATURE	DEPR	ESSION (	F١						TOTAL		TOTAL	
(F)	0	1 1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	2 - 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
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rrise i	2.1	5.4	12.9	24.5	24.5	16.0	1.6	3.5	1.0	• 5		1		1	l		1		735		7
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Element (X)		Z X'			Z X	$\top$	¥	•		No. Ol	·s.				Mean I	to. of H	ours wit	h Tempera	ture		_
Rel. Hum.			96.3		381	86	51.7				36	± 0 1		32 F	≥ 67		73 F	- 80 F	• 93	-	Tetal
Dry Bulb			13:5		323	97	44.7	9.1	<u> 1</u> 8 G		36		_	7.1		. 3		<del></del>	1	$\neg$	
Wet Bulb			7053		277	39	37.7	7.5	24		35			25.1		-		<b>—</b> —			_
Dew Point			4325		197		26.8				36			62.8		-		t	$\rightarrow$	$\rightarrow$	

SLUBAL CLIMATOLOLY BRANCH STAFETAC ALE MEATHER SERVICE/MAC

4 1244 STANION AAF AS

STATION NAME

#### **PSYCHROMETRIC SUMMARY**

MONTH

15 13-17 PASE 1 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb Wer Bulb Dew Point Temp. (F) / : 7 • ] • 3 . 3 51 15 • 1 • 1 3 5 3.5 5.7 • 3 1.0 1. • 7 1.5 • l 1.9 1 • 4 1 • 3 / 49 1.5 1.3 4-/ 47 13 27 4: / 45 2.5 2.1 54 54 2.8 c 4 4/ 43 17 25 42 45 71 40 3.1 427 41 1 . 3 1.7 2.2 2.5 71 35 37 5 . 2.4 2.4 1.5 1.9 73 • 6 . 7 7.4 3 8 • 3 4? 7 9 2 7 • 1 31 41 47 37 - 1 • 1 21 12 7 1-7 13 Σχ' Element (X) Zx No. Obs. ¥ Mean No. of Hours with Temperature Rel. Hum. 10F 1 32 F ≥ 67 F ≥ 73 F ≥ 80 F + 93 F Total Wer Bulb Dew Point

58-73,73-79

YEARS

BEVISED PREVIOUS EDITIONS OF THIS FORM ARE

0.26-5 (OL 12 G 6

SECPAL CLIMATOLOSY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

#### **PSYCHROMETRIC SUMMARY**

STANTON AAF KO STATION NAME WET SULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point -4/ -· 719 · 124 · 71 7 · 675 575 Element (X) Mean No. of Hours with Temperature Rel. Hum. 1897319 33337 50.117.295 675 ± 32 F = 67 F = 73 F = 80 F = 93 F ± 0 F 71435 46.5 9.143 26235 39.9 7.335 Dry Bulb 676 1518197 3.≎ Wer Buib 26235 23.5 1555929 675 Dew Point

65-7:,73-79

0.26-5 (OL A)

USAFETAC FORM 0.26-5 (OL.A) NEVISE MEVICIS TENTIONS OF THIS FORM ARE OBSOLETE
AND 64 0.26-5 (OL.A)

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# T 2 4 4	STANTON AAF KU	63-70,73-79 1 100 100 100 100 100 100 100 100 100		4 <b>4</b> 2
STATION	STATION NAME	YEARS		MONTH
			PACE 1	ALL
				HOURS (L. S. T.)

Temp.						WET	BULB '	TEMPE	RATI	IRE	DEPR	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	1 4	6.4	7.0									22 . 24	25. 24	27 - 28 2	0 20	- 21		Dev Bulk		Dam Para
7 / 59	_ <u> </u>		3.4	3.0	7 - 0	7.10				$\overline{}$	******	177.1.4	<b>-</b>		13.1	2012	- 30					1000
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16/ 35		<del> </del>				<b>-</b>	•	•	+	• ^	• 1		<del></del>	<del> </del>	†	+ +	-		j j	7.	<u> </u>	<del> </del>
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3./ 15	1.	2.3	2.0	1.9	• 3 • 4	• 1 • 1			<u> </u>					<u> </u>					219 275	.13	271 253	196
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Wet Bulb	-					_				_		$\rightarrow$		$\rightarrow$		†	+			<del> </del> -	<del></del>	
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CLURAL CLIMATOLOGY BRANCH GRAFETAC ATH WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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AMERICAN STATUS A STATUS

- MATE ANTION 66-77,73-79

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						WET	BULLE	TEMPE	ATURE	OFPO	SSION	Εl						TOTAL		TOTAL	
Temp. (F)		<del>,</del>		Τ	WET BULB TEMPERATURE DEPRESSION (F) 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 * 31														TOTAL		
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lement (X)		Σχ'			ZX		X	•		No. 01							ours wif	h Tempera			
lel. Hum.		1244			1237	ช 2	62.2	20.3	12		05	<b>±</b> 0		s 32 F	z 6		73 F	→ 80 F	≥ 93	F	Total
Dry Bulb		493	2744		1152	44	39.7	10.6	87	29			:	189.7	2	. 3					744
Wer Bulb		358	3.47		1005	0.3	34.6 26.3	8.4	22	29	05			304.3				1			7 4 4
Dew Point		223	6675		764	70	26.3	9.7	38		0.5	6		35.				T	1		744

USAFETAC FORM 0.26-5 (OL.A) REVIND MENOUS SOFIONS OF THIS FORM ARE OLDICATED

SCURAL CLIMATORSLY BRANCH SERVICE MATERIAL

STATION STATION NAME

#### **PSYCHROMETRIC SUMMARY**

WET BULB TEMPERATURE DEPRESSION (F)

1 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 3 - 14 5 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ■ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point • 1 / 39 1.7 1, .8 1.5 • ? 13 .1 1.5 1.3 1.0 . 5 2.4 1.5 1. 4.7 2.5 .5 5.3 3.6 • 0 457 45 57 44 -4/ 47 1.7 54 7.2 . 9 4 . 7 1 . 7 15 \_/\_41 6.3 3.1 4.2 5.2 5? 3.9 1.4 12/ 35 - 1 3.9 1.1 / 31 .4 1.8 1.9 2 <u>.</u> £ / 27 24/ 23 ,21 21 15/ 17 719 718 Element (X) T No. Obs. Mean No. of Hours with Temperature 561J3 80.913.023 314J3 43.7 7.885 718 ≤ 32 F × 67 F × 73 F × 80 F × 93 F

713

718

7.1

11.7

68-77,73-79

EDITIONS OF THIS PORM ARE OBSOLETE 0.26-5 (OL A)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

4 3 2 3 4 9 5

1415745

1254422

1579267

29550 41.2 7.305 27229 37.9 8.066

SLU-AL CLIMATOLOGY RRANCH UPAFLTAC ATH ATATH! > SERVICE/MAC

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#### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME P435 1

Temp.											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
7 / 7		<del></del>							• 1									1	I		
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2/ 51 / us	. 3	2.3	2.7	3.3	7.1	• 8	• 3											<i>" 2</i>	5.2	112	3.9
<u>/</u> 47		1.2	. 7	1.4	1.5	1.7												- 15	55	77	1 5
/ 47 ->/ 45			1.7	1.4	1.4	• 5												4.21	4?		7.1
·4/ 41		3	. 5	1.3	1.	• £				<u> </u>								12	3.2		
1-1-41		. 3	1.7	1.4	• 4	• 1												2.0	7 5	58	
5-/ 32 3-/ 37		3	٤.	• 4	. 1				<u> </u>	L								1.7	1.7		51
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Dry Bulb			5735		411			8.2			6.8				25.	4	1	· •	2		
Wer Bulb			25.3		737		5	6.0	94		6 °			. 4				ļ	<del></del>		
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USAFETAC FORM 0.26-5 (OLA) REVISE MEVOUS TOPIONS OF THIS FORM ANT ONSOLITE

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COUNTY CONTRACTOR OF GRANCH UNAFERTAC ALL REATHER SERVICEZMAC

#### **PSYCHROMETRIC SUMMARY**

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Dew Point			8221		36		43.5			7	44			. 4		1	1	1	1	٠,

SECRAL SEIMATOLOGY FRANCH USAFETAS AIR AFATHER SERVISE/MAS

#### PSYCHROMETRIC SUMMARY

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COLUMN TOLOUV PRANCH **PSYCHROMETRIC SUMMARY** ALL ARATHER SERVICE/465 STATION STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F)

7 - 8 9 - 10 11 - 12 3 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Sulb Wer Sulb Dew Point • 1 • 1 1.2 1.1 ٠ 55 67 55 67 3 3 5/ 95 173 1/ 1 17 172 54 63 1.7 1.4 • 1 7 i 7 : / +-45 4.7 45 5 4 ] 1 2 0.26-5 (OL A) 11 3 2 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ± 32 F = 67 F = 73 F = 80 F = 93 F Total ± 0 F Dry Bulb Wer Bulb

SEDRAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

43-44 STANTON FAR KE

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																		213	<b>,</b> >	HOURS	- <u>j</u>
Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	- 30	31	D.B./W.B.	Dry Bulb	Wat Bulb	De
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#### PSYCHROMETRIC SUMMARY

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#### **PSYCHROMETRIC SUMMARY**

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USAFETAC FORM 0.26-5 (OL.A) REVISED MENOUS EDITIONS OF THIS FORM ARE OSLIVETE

SECRAL CLIMATOLOGY SAANCH JEAFETAC ALE AFATOLA SERVICAZMAC

## PSYCHROMETRIC SUMMARY SER FIRST PAGE

4 · 244 STANION LAF AD YEARS

PAGE 1 ALL

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SECRAL CLIMATOLOGY BRANCH UPAFETAC AID AFATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY GOT BOAST PAGE

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lement (X)		x'			Z X		<u> </u>	<u>",</u>		No. Obs.	_							Temperer			
lel. Hum.			4269				85.1			71		± 0 F	. 4	32 F		F   *		- 80 F	* 93 I	F	Total
Dry Bulb			5439				63.7			71					22		3 . 7			$\dashv$	
Vet Bulb			2072		437		61.3			71					11.		• •		$\bot$	$\bot$	9 9
Dew Paint		254	1168		424	3 (4)	59.3	5.6	44 O	71	E 1		i		7.	a i	۰۵	1	i	ļ.	

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SLORAL CLIMATOLOGY BRANCH

ATO MEATHER SERVICE/MAC

USAFETAC

**PSYCHROMETRIC SUMMARY** 

STANTON NAME STANTON NAME 63-70,73-79 PA55 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B.W.B. Dry Bulb Wet Bulb Dew Point .6 1.9 1.3 - 1 - 71 . 4 • 1 2.7 .6 1.4 1.9 3.1 • 1 1.5 3.3  $\top_{1}$ 4.7 113 1.7 • 6 • . --/ 5, . 9 •1 3.7 1.4 3.2 1.9 1.3 • ' • 1 -5/ 50 -4/ 51 .5 1.9 2.4 1.7 1. ? 64 14 ₹ 7 ../ 51 5./ 59 2.2 1.7 . 3 110 1 ~ 4 • 1 • 1 / 51 51/ 55 ± 7 40 1/ 5 53 2/ 21 c 1/ 29 15 227 41 2 7 77 .012.519.319.821.511.2 -.7 3.3 1.9 7 736 7 8 4 7.4 194 Element (X) No. Obs. Mean No. of Hours with Temperature 4 14019 3985647 54965 7:1.114.358 71.1 5.213 794 10F : 32 F 784 72.4 37.2 Dry Bulb 55750 Wet Bulb 3235 le 2 50534 54.6 4.365 22.5 784 3.6 Dew Paint 238.267 47291 6 . 3 5 . 944 784

USAFETAC FORM 0.26-5 (OLA) REVISE REFIGUS DE THIS FORM ARE ORDIGER

DEDRAL CETMATOLICM PRANCH L OFFIAC AIN LATH N SERVICIMAD

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STATION	STATION NAME	YEARS		MONTH
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				HOURS (L. S. T.)

Temp.								TEMPER									_	TOTAL		TOTAL	
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Wet Bulb	_	316	9977		475	69	66.2	4.4	36	7	20				43	• 0	7.7	•	1		
Dew Point		263	6850		430			5.6		7	20				13	• 7	2 • 5				4

#### **PSYCHROMETRIC SUMMARY**

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lel. Hum.			7613		365	2.6	55.5			5	81	± 0	F	: 32 F	≥ 67 F	T :	73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			58 -5		31			5.1			16				13.	_	74.4	39.	5	•=	
Ver Bulb		27	1151		455	37	67.0	4.3	44	8	81				1.	7	7.0				
Dew Point		249	9345		4 . 9	9.2	6 . 5	6.8	47	5	ci				12.	14	2.	1	$\top$		

45-77,73-74

USAFETAC FOUM 0.26-5 (OLA) BEVIAD MENOUS EDITIONS OF THIS FOUM

POLATE MUDGOTEMINE CALLS AFERTAGE AFTER A TOTAL AFERTAGE A TOTAL A TOT STATION STATION NAME

#### **PSYCHROMETRIC SUMMARY**

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Temp.						WE 1	BULB	TEMPE	ATHE	DEPR	SSION	£\					TOTAL		TOTAL	
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el. Hum.		1443	4655		1773	60		13.5		29	_	10		32 F	≥ 67 F	≥ 73 F	- 80 F	93 1		Total
ry Bulb		1529			2:93			7.8		29		0	'	- 34 F	527.5			_	.1	7
ler Bulb		1221			1 - 75		64.7			29			$\dashv$		257.4		+		<del>• ' </del> —	7
Dew Point		1052			1737		59.9			29					63.2			<del>'}</del>	-	7.
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F--77,73-79

USAFETAC FORM 0.26-5 (OLA) REVISIO METODAS IDENIDAS OF INSTITUTA ARE OBSUITED

DECRME CETMATCHOUSERVER GRANCH CONTROL SERVICENTAL

# PSYCHROMETRIC SUMMARY

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Rel. Hum.			9525		<u>- x</u> - 667	4.8		3.7			15	± 0 F	1 32		≥ 67 F		- 80 F	• 93	F	Total
Dry Bulb		4 7 5	7152	<del>                                     </del>	537			4.5			15		+	· ·		49.			$\neg$	
Wet Bulb			4569		521		69.0	4.8	1 1		45		+-	_	72.4			_		
Dew Point			5719		512			5.39		7			+	+	53.7			+		

USAFETAC FORM 0.26-5 (OLA). NEVIND MENDAS IDITIONS OF THIS FORM ATT OLD OFFET

SECRAL CLIMATOLDLY BRANCH LIAFETAC AIR ARATHLA SERVICEZMAI 4 1244 STRNTON AAF A)
STATION NAME

#### **PSYCHROMETRIC SUMMARY**

																		ر به ۳	• •	HOURS	- [ ]
Temp.						WET	BULB '	TEMPER	ATURE	DEPR	SSION (	(F)						TOTAL	r	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31	D.8./W.8.	Dry Bulb		Dew Per
4/ 0/											• 1					1		1	į		
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-5/ 27				• 1													1	1.7	1.7		
<u> </u>		ļ	. 3					• 1									1	^ 7	: 7		
-/ -:		• 1	. 4	3.3	1.5	. 9		• 3										. 5	5.5	- 4	
/ 14		1.5	2.5	5.1	2.5	1.03	. 9	• 1	- 1									100			
1 75		1.5	5.3	6.7	1.5	1.3	• 45	• 7		T	1	T				Ţ		138	135	- 4	1.
		4 . 3	4 . 5	3.	7.	٠,9	. 9			L	L							137	137	5-7	٠.
7./ 77	1 . 2	2.3	4 . 3	3.5	1.	• 6	.6			Γ								115		179	1 4
19/ 73	1.4	3.0	1.9	2.5	1.3	• 1		ŀ		ĺ						1		1.3	4.7	1 + 4	104
7. / 71	. 1	2.1	2.4	• 5	. 9	• 1	. 1			T							T	5.5	- 7 56	1 3	133
7.7 59	1	. 5	1.8	• 3	• 1			1	Į	1	}		}	] _	ļ	Į	Į.	7.4		: 7	10
7./ 59 5./ 57		4	. 6	• 1	• 1													1.2	1 2	7.3	73
·5/ 55		1 .€					l							L			I	5	1	7 43	_75
+/ 53 +/ 53		• 3																2		7.3	
2_/ 21		. 4						l .									1	3	2	3	54
6.7.59		T .4																3	7	ن	54 19
55/ 57	_ • 1	. 1			Ĺ	ĺ	Ĺ	ĺ	Í	<u>i</u>		Ĺ	Ĺ		Í	ĺ	Ĺ	2		4	
54/ 55		i															1			1	5
54/ 53 52/ 51		1	<u> </u>	i .			<u> </u>									<u> </u>		ļ <u></u>			Į į
-21 -1																1					1
CTAL	4	16.7	64.3	25.9	15.2	7.4	4.5	1.5	. 3	<u> </u>	. 1						1	i	792		792
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<b>.</b>		Σχ'	Щ_		z x	<u> </u>	-	_	<u> </u>	No. 01						) No4 *	1	h Tempera	<u></u> _	L,	
Element (X) Ref. Hum.			5418		<u>~ x</u> - 519	10	76.2	1.2			9 ?	± 0		32 F			73 F	* 80 F		F	Total
Dry Bulb			1842		514		77.6				92			. 32 1			30.4			•	9 )
Wer Bulb			3120		574		72.5				92		+				53.4			<del>'</del> -	
Dew Point			8363		554	77	70.0	5 7	10		92		_				36.5		6	$-\!$	7 ?
re- reini		ט ד כ	0 2 0 3		224	7.71	1 200	200	4.7		76 1				: 57	9 7	2003	•	<u> </u>		

63-73,73-79

USAFETAC 1984 0.26-3 (OLA) NIVIND NEWOUS EDITIONS OF THIS FORM ARE ORGOTER

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SECRAL CEIMATOLOSY BRANCH USAFETAC AIG WOATHOR SERVICIVMAL

#### **PSYCHROMETRIC SUMMARY**

STATION AF KC 63-17,73-79 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 \* 31 D.8./w.B. Dry Buth Wer Buth Dew Point -/ =7 • 3 . 1 -/ • 1 : 1 11 • l . / RS .8 ∂.5 1.5 2.7 • 3 - 3 • \* r. 9 5.6 • 1 • -. . 5 . 5 5.4 .3 3.4 9 9 1 4 5 2.3 1.2 147 1. 51 113 1.5 3 . P 1.3 ŝ5 ÷ε -/ 75 -/ 75 1.5 132 159 .5 I.1 . 1 1.0 . 8 114 61 43 . / 60 • 1 7 7 --/ 57 15/ 55 • 3 5 55 . 1 . 4 5 19 1./ 51 • 1 1 1 / -9 747 53 TAL 3.1 4.715.416.514.717.711.4 7.1 2.2 1.9 734 734 • 1 • 1 734 Element (X) No. Obs. Mean No. of Hours with Temperature 73.414.797 81.3 5.911 73.3 4.347 \*67 F \*73 F \*80 F \*93 F 90.8 86.7 62.3 2.8 Rel. Hum. 3797524 51563 59554 734 10F 1 32 F 734 4 4 7 3 8 4 7 Dry Bulb 4.37379 60.3 Wet Bulb 34139 734 87.4 5 • 1 Dew Point 3535847 51497 734

AC NORM 0.26-5 (OLA) REVISE MEYICUS EDITO

USAFETAC FORM 0.26-5

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STATION	<u>5:</u>	<u> 1113</u>	V 14	F K 7	TATION N	AME				23-	70,7	3-19		YE	ARS						J L ONTH
																		SAS	C 1	HOURS (	- 1.7 L
Temp.										DEPRE								TOTAL	F	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 -	30 * 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
J/ 38										• 1	. 4	- }		1		_		4	4		[
7-1 97				<u> </u>					. 1					ļ				4	4	<u> </u>	
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19/ 97						L		1.3				• 4	• 1	• 1	• 1	<b></b>		1		<b>├</b> ——	<b></b>
23/ 31				ł	• 1		1 . 7				• 1	. 4			Ì	1		7.5	72.5		
1.7 89 187 87				<b></b> -		1.3		1.7							├			9	47	<b>├</b> ──	<b></b>
37 87							3.5				ټ و				ľ		1	6,5	٤5		1
-6/ 8- -4/ -3		• 1		2 - 4	1.2	2.9	1.4	1.4				<del>                                     </del>			<del> </del>	├—	+	10	89	<del> </del>	╁╾──
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7 / 77	- 1	1.0	1 3	2.2	1.3	1		3		1	}			}		1	1	5.5	55	1	
73/ 77	1 . 4	2.7	1.9	- 1	1	<del>'</del>		• 1		<del> </del>						<del> </del>		40	47		
747 75.	. 7	1.9	1.4	- 4		.1	1	• •	ļ	1							1	52	3.2		
74/ ?s.	. 4	1.2	. 6	. 3	• 1												1	19	19		13.
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					<u> </u>				<u> </u>						L	<u> </u>					<u> </u>
Element (X)		Σχ'		$\overline{}$	ZX		<u> </u>	· •		No. Ol	ightarrow							h Tempera			
Rel. Hum.			1601		477		67.0				9.2	± 0 F		32 F		_	+ 73 F	≥ 80 ₹	93	-+ $-$	Total
Dry Bulb Wat Bulb	_		4295		57 7		74.3				92					• 7 • 5	38.7	<del></del>		·	, 7
Dew Point			9572 3334		514		70.4				92		+-			1	39.2			-+-	<del></del>
PER FOINT		345	2334	<u> </u>	46/	<u> </u>	1 4	7.3	اد ب		76					1 0	3706	<u> </u>	٦١		

TLOSAL CLIMATOLOGY BRANCH SEAFETAC ATR WEATHER SERVICE/MAC

STATION STATION FOR KO

### **PSYCHROMETRIC SUMMARY**

STATION				5	TATION N	AME								,	EARS						ON'
																		2 7 C	1	HOURS	1
Temp.						WET	BULB	TEMPER	ATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 6	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	ᆀ
1 3/ 79		1	1				ì			• 7	• 1	ļ		i	1	i i	-	j 4	4		1
50/ 97		<u> </u>	L	L_	<b>-</b>		• 1	L	^	. 2	-1	L	L	<b>↓</b>	<b>_</b>	<b>-</b>	_ <del> </del>	1	15		4
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-+/ 25		1	l	<u>L</u>	L	• ?	• :	. 13	- 3	. 2	L	• 1	•						12		1
/ +1					. 5	• 3	• 5	• 5	• 1	1	• 1	.1	• 3	1	1			- 2	5.2	ĺ	Ì
. / 24		L	<u> </u>	L	. 7	. 5	. "		- 1	. 2		<u> </u>	L	ļ	<u> </u>			7.5	75		4
3/ 37		l		• 1	. 5	1.3	1.0	1 . 3	• 2	. 5	. ?	1	i	i	!	l	1	134		1	
-3/ 95 i		1	.1	. 4	1.2	1.5	• 6	4	• 3	. 3		L						143	143		4
4/ 43		. 1	• 5	2.	2.4	1.5	• 7	• -	• 2	• 3		l		1				?45	245		- 1
-:/ -1		1 .5		4.5	2.2	1.3	1.2		?	<u> </u>	!	<u> </u>		L				375	7.6%		
1 79	• 3	1.1	2.9	3.7	1.3	1.4	• 4	• 5	. 1		1			1				343	5 7		
7-/ 77	• 3	2 . 2 . a	3.9	2.2	1.3	.6	. 4	• 2	. 1	L	<u> </u>							359			
75/ 75	٠,٠	7. 3.3	3.3	1.5	. 5	• 3	• 3	•						1	1	1	i	35€	756		_
741 73		1 3.1		1.3	. 5	.1	• 1				<u> </u>	1	l					2,4	254		
7 71	1.06	2.7	1.7	. 4	. 4	• 1	•	-		I			i	1			-	27.3	73	4 2 1	٠ĺ
11/ 64			1.5	?	<u> </u>	. 1					<u> </u>	L		<b>└</b>	<b>_</b>			140	140	3.27	_
6-1 57	•	5	. 7	. 1	• 1	• 1		1		l	1	1	1	i				:: 3	5.3		
6/ 65		2 <mark>, 1 . </mark> 5	. 4		4		<u> </u>			<u> </u>		<b>_</b>	<u> </u>	<u> </u>		<u> </u>		5.6			-
4/ 57	•	l • °	• 3	- 1	L)	i				Į.		i		1				+3	4.3	1 -	- 1
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Element (X)		z <sub>x</sub> ,		ļ	ZX	<u> </u>	¥	-,	L	No. O	<u> </u>	<u> </u>			Maga	No. cf	House mi	h Tempere			
Rel. Hum.			4249		2783	79		15.5			64	± 0	F	1 32 F	2 67	_	≥ 73 F	- 80 F	• 93	F	
Dry Bulb			7127		2319			6.7			64			- 52 1				324.			_
Wer Bulb			454	<del></del>	2151			4.7			64						419.			<del>-1</del>	-
Dew Point			3263		2369			5.4			64						287.4				_
						7.7			- Y			_									-

65-77,13-79

SLOPAL CUTMOTOLOSY BRANCH UNAFETAC 41: AFATHER SERVICE/MAC

STANTON PAF AD STATION NAME

### **PSYCHROMETRIC SUMMARY**

																	- A 3	, 1	HOURS	는 1위설. IL. S. T.I
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SION (	F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27 - 2	8 29 -	30 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
				• 5	. ,												7	9		
27 75	•.3	. 8.	1.5	• 3	İ	i									Ĺ.,		] €	25		
7:1 77	• 3	. £ . 5	4.5	1.5	. 4	. 4											129	19	1 5	1
~ / 7:	4.4	6.7	4.4										-				1.72	132	11.	<u>_ 5</u>
14/ 77	€ • 7	5.8	4.5	1.5							7			1	$\top$		140	143		
7. / 71	3.7	6.0	2.5	.5	• 5	. 4				1		1	Ì	ļ			108	108	175	11
7 / 59	7.7	6.3 5.2	1.4	. 9		. 1											93	و ډ	172	11
	• 5	2.9	1.9		, u	l					1						4.6	4 8	2 4	5
52/ 57 -6/ 35	• 3	3.5	1.1	1.	• 1												. 5	5.7	4.5	7
4/ 53	• 1	3.2	1.5	. 5	1.		1 1	1		LI		_		- {	1		- 4	44		4
. / 51	. 4	3.2	• 3														15	- 4		4
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1.1 37		. 5															4	3	3	2 1
597 35 747 53		i															1		4	1
14/ 53		. 1	_									$\neg$		7	7		1	1	1	
51/ S1		• 1						L									1	. 1	1	
6 / 44																				
111	<u>د و ب</u>	43.3	24.1	8.5	7.2	. 9									<u> </u>			7 8 ₹		7.5
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								ĺ												
Element (X)		Σχ'			Z X		X			No. Obs	<del> ,  </del>			Mean	Mo =	Maura	h Temperat		Ь	
Rel. Hum.			5.243		755	7 8	87.4		10	7 (		± 0 F	2 32 1		7 F	≥ 73 F	- 80 F	a 93	F	Total
Dry Bulb			4963		567		71.9			7 8			+		2.4	49.7		-		
Wet Bulb			4255		550		67.8			78			+		1.3	32.3		_		9 9
Dew Paint			5302		541		68.6			7			+		2 . 6	29.3		+-		

58-70,73-79

USAFETAC roam 0.26-5 (OL.A) REVISE MEVIOUS ERIOMS OF THIS FORM ART OMSOURT

SLOBAL CLIMATOLOGY PRANCH USAFETAC ATR WEATHER SERVICE/MAC 4 244 STANION NAF KO

#### **PSYCHROMETRIC SUMMARY**

WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31

D.B./W.B. Dry Bulb Wer Bulb Dew Paint 1 1 = 7 6/ 37 .2 3.2 2.2 1.7 3.1 3.8 2.3 2.6 • 7 59 6 **9** • 1 .2 2.9 5.9 159 5.3 2 • 1 1.7 4.7 3.3 75/ 75 74/ 73 3.3 3.6 1.3 1.5 1.2 1.2 .7 122 222 150 .9 1.5 .7 1.1 50 32 7**7** .9 1.6 1.7 .5 .1 .2 136 7 ¢ • 5 οí 1./ 67 • 5 • 2 • ? 39 45 44/ 67 51 37 23 71 5./ 55 - 16 916 115.618.425.713.312.4 4.3 2.5 516 016 No. Obs. Element (X) 4962043 5033225 Rei. Hum. 62719 76.913.170 916 10F 267 F 273 F 280 F 293 F Dry Bulb 63985 78.4 4.427 92.8 73.7 4.151 58.9 Wet Bulb 4358277 59539 816 54.5 Dew Point

65-77,73-79

THIS PORM ARE DISCULTE 0.26.5 (OL A)

1 2 USAFETAC

PORM ARE ž BEVISED PREVIOUS ₹ 0.26-5 (OL 2 5 2 5

USAFETAC

SECRAL CLIMATOLOGY BRANCH DIAFETAC ATR AFATHER SERVICE/MAC

PS	Y	CH	PC	N	\FT	PIC	. 6	UM	M	Δ	PY

STANTON STATION NAME 65-77,73-79 YEARS 1213-14 ... HOURS (L. S. T.) PASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 D.8./w.s. Dry Bulb Wet Bulb Dew Point -1 97 • 3 94/ 47 7\_/ 91 • 3 • 1 . 4 • 1 £3 / 33 € 3 2.3 2 • 2 • 1 2 • 6 . 7 • 1 74 3.6 3.1 1.1 2.7 .7 2.3 1.5 • 5 • 7 ÷ 6 56 .11. 1.9 • I 134 134 •5 1.5 7.5 1.1 2.7 1.8 133 133 527 81 2.5 1.6 2.2 1 • 1 . 4 • 1 14 74 / 79 74 75/ 77 1.6 2.3 1.9 • 3 • 1 56 55 147 5.8 1.0 • 8 257 75 1 = 3 2.2 74/ 73 • 3 • 5 134 6 6 103 • 1 • 1 71/ /1 112 • 1 63 40 1 69 5.8 . 7 5:1 57 467 65 56 ′ '/ 61 25 5±7 57 <u> 55/ 55</u> .4/ 53 2/ 51 5./ 49 1 47 47 TOTAL 2.5 7.712.017.911.717.213.010.0 5.3 3.1 1.1 732 752 736 No. Obs. Meen No. of Hours with Temperature Element (X) ZX 493U5 67.415.411 82.9 5.148 Rel. Hum. 732 ± 0 F ± 32 F ≥ 67 F ≥ 73 F → 80 F • 93 F 3494621 5045204 732 <u>89.3</u> 93.0 Dry Bulb 71.4 93 93 54427 74.4 3.892 51447 70.3 5.562 89.4 66.3 4.7 Wet Bulb 4057869 732 . 4 Dew Point 3639271 59.9 42.5

medical sections

SECTAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC 4 1244 STANTON LAF 40
STATION STATION NAME

#### **PSYCHROMETRIC SUMMARY**

STATION				•	TATION N	- WIL								•	EARS						нтис
																		= A _	£ 1	HOURS	- <u>i</u>
Temp.						WET	BULB	TEMPE	RATURE	DEPRE	SSION (	F)					***	TOTAL		TOTAL	_
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dev
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6/ 47		i		1	1.2				2.1	.1		1	. 4				ļ	4	7.4		
25/ 55	-		. 4	• 7	7.7					• 1					1		1	+ 2	ε?		$\vdash$
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7 51		• 3				1.5					• 1							71	91	24	$\vdash$
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7-1 77		1.8	2.1		_				+		<b>†</b>			<b>†</b>			<del> </del>	5.2	2)	1 4	$\vdash$
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T^T:L	3.1	7.3	9.2	12.7	17.5	15.4	13.4	12.7	5.2	3.8	2.1	1.5	1.0	. 4					5.77		_
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Element (X)		ž g²			Σχ		¥	•		No. Ob	s.				Mean N	o. of H	ours with	Temperat	ure		_
Rel. Hum.			4227		443			16.7		6	77	≤ 0 1	,	32 F	= 67		73 F	≥ 80 F	- 93	F	Teta
Dry Bulb			2739		567			5.8			77		$\Box$		9.7		90.3	72.	7 5	. 2	
Wer Bulb			4782		506			3.8			77				89		77.7	٤, ٠	4		
Dew Point		337	9373		476	76	72.4	5.7	5 9	6	77		I -		71	. 7	43.5	•	4		

63-73,73-79

USAFETAC 10m 0.26-5 (OLA) BITTED RETICUS EDITORS OF THIS FOLD ARE OSCOLITE

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A	4 E 8	र्न्स्	SERVICE	1440

STANTON AAF KO

#### **PSYCHROMETRIC SUMMARY**

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75/ 75	2.4	3.6	2.5	. 9	. 7	. 3		1	•	} [				Į	ļ ļ	- 1		3.73	330	5.2	
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lel. Hum.		1792	5934		2267	44		16.6	75	30		≤ 0 (		32 F	≥ 67		73 F	≥ 80 F	* 93 1	-	Total
Dry Bulb	•	1998	6128		2383			6.9		30								361.			744
Wet Bulb		1607			2195			4.6		30			$\neg$		605			2.7.			744
Dew Point		1480			2105		69.9			30			-				19.3				744

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SECRAL CLIMATOLOGY BRANCH USAFETAC AIR ACATHER CERVICE/MAC

STATION STATION NAME

# PSYCHROMETRIC SUMMARY

PASE 1

																				HOURS (	L. S. T.1
Temp.										DEPRES								TOTAL		TOTAL	
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Rel. Hum.			1703		_==	35	9 • 5				17	201		32 F	# 67 F		73 F	+ 80 F	2 93	F	Teral
Dry Bulb			69 3 5		4 3 5	7 J	6'.5	7.5	32	7			<del>`                                    </del>		19.		4.4		+		<del></del> -
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Dew Paint			1707		413		57.7			7					1 .		1.7		+-	$\rightarrow$	Ş
· · · · · ·		4.	(4/		413	7.11		<u> </u>	- 12						-		بعب				

USAFETAC FORM 0.26-3 (OLA) REVISE REFIGURE OF

USAFETAC FORM 0.26-5 (OL.A) BEVILD REVIDUS SOTIONS OF THIS FORM ARE ORBOITS

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STATION				•	TATION N										Ł ARS						NTH
																		935	1	HOURS	-11_ (L. S. T.)
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(F)	0_	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	4 25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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Element (X)		Σχ'			z x		¥	•,		No. (	Obs.			<del>-</del>	Mean I	to. of h	lours wit	h Tempera	rure		
Rel. Hum.			2538		559			12.9			745	= 0	F	: 32 F	≥ 67		2 73 F	≥ 80 F	× 93	F	Total
Dry Bulb			6643		513			6.0			745				5 -		27.3	?∙	1		-
Wet Bulb			3762		475			5.8			745	L			2.0		5.3				Ų
Dew Point		276	1082	1	450	38	67.5	7.1	8.1		745	1			1 1 5	• 6	2.5				7 ,

SLOPAL SELMATSEBUY SRANCH JIAFETAS Al- ACCTHIN SERVISIZZARS 4 244 STANTON AF AU

#### **PSYCHROMETRIC SUMMARY**

STATION	_			\$1	TATION N	AME								YE	ARS					MC	NTH
																		245	- 1	HOURS (	- j u j
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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14/	<u></u> -	. 4				1.6			• 1					<del>  -  </del>	<del>   </del>		_	1.5	5.8	و ن	1 :
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Element (X)		Σχ'			Z X		Ŧ	•		No. Ob					Mass W	2 26 14	20000 0010	Temperat			
Rel. Hum.			59 a 5		<u>~ χ</u> +,3 4	2 (1	59.2				3 3	± 0	<u> </u>	32 F	= 67		73 F	= 80 F	≥ 93	F	Total
Dry Bulb			3973		- 104 - 15		75.6				83	2 0	<del>``</del>	. 34 F	2 7		55.1		<del></del>	-+-	· · · · · · · · · · · · · · · · · · ·
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Dew Point			<u>8706</u>		457		59.6				83		+-	- 1			3.7	<del></del>	+	+-	<del></del>
Dew Point		246	נו ט	<u> </u>	4 _ /	151	5 Y . 5	_/•/	<u> </u>	- 6	83 1		Щ.	- 1	14,	<u> </u>	<u> </u>	<b>└</b>			_

USAFETAC rotes 0.26-5 (OLA) NIVIND MINDUS EBROAR OF THIS FORM ARE DESCRIPT

SENTAL CLIMATOLOUM PRANCH CHATCO STORAGE A SERVIC AMAC

#### **PSYCHROMETRIC SUMMARY**

1 1 -17 NOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 2 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point .7 2.3 1.4 4.2 . 1 . 7 • 2 7 5 1.2 4.0 4.4 7. ? • ° 72 1.1 • 7 • 9 1.2 1.2 1.4 1.1 40 • 2 1.9 1.1 . 1.2 5/ 5: 5.1 . ? . . 27 41 541 ZX Mean No. of Hours with Temperature Element (X) No. Obs. 55.215.569 77.1 5.973 2184461 3335033 36513 ± 67 F = 73 F = 80 F = 93 F 641 ± 0 F ± 32 F Rel. Hum. Dry Bulb 541 58.9 39.5

53-70,73-79

42505 66.0 5.380 38071 59.4 8.048

2837353

2332611

541

641

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15.3

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BLUPAL COLMATCLOSY BRANCH USAFETAC Alk WEATHER SERVICERMAG

#### **PSYCHROMETRIC SUMMARY**

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lel. Hum.			5768		1974	22		19.0		27		= 0 F	₫ 32		67 F			• 93	F	Total
Dry Bulb			3598		175			9.1		27			<u> </u>			325.1			+	
Vet Bulb		_	./8 ≀5		1773			6.7		27			+		J4 • 6			+	$\overline{}$	7 .
Dew Point			34.5		1652		59,3				'		<b>—</b>		13.7		† <del></del>	_		7.

USAFETAC FORM 0.26-5 (OLA) REVISIO MEVICUS EDITIONS OF HIS FORM ARE OBSOLETE

USAFETAC FORM 0.26-5 (OL.A). NEWHO MEYDUS FORMON OF THIS FORM ARE OMNOTED.

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STATION	_			5	TATION N	AME								YE	ARS		-			MO	NTH
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										_								_		HOURS	L. S. T.)
Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6			11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pos
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lement (X)		Z x'			Z X	$\vdash$	I		$\top$	Ne. Ob	s.				Mean N	e. of H	ours wit	h Temperat	ure		
lel. Hum.			36.3		553	41		7.8	) 6	7	23 1	= 0	F :	32 F	≥ 67	F .	73 F	≥ 80 F	+ 93		Total
bry Bulb			95.9		334			8.1			20			3.9				1	1		93
fer Bulb			1773		724			7.89			20			4.3				<u> </u>	1		93
Dew Point			1474		315			9.16			23		$\rightarrow$	7.2				<del>                                     </del>	<del>1</del>		9.3

SLORAL SLIMATOLDSY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

4 244 STANTON MAF NO 58-70,73-79

# **PSYCHROMETRIC SUMMARY**

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Rel. Hum.			6802		553	10	72.6				<b>5</b> ?	= 0 1	,	32 F	± 67		• 73 F	→ 80 F	* 93 1	F	Total
Dry Bulb			7422		427		56.2				62		<del></del>			. 5	• • •	<del></del>	+ -		,
Wer Bulb			5672		392		51.5				6.7		<del></del>	1.0		• 5			+	-	
Dew Point			6895		357		45.9				62	-	<del></del> -	5.5	<del> </del>	• -		<del> </del>	+	-+-	
		117	<u> </u>			, 41	7007	9 /	<b>U</b> U	,	<b>U</b> C [		- 1	7 . 3							

USAFETAC FIGUR 0.26-5 (OL.A) REVISIO REVISUS EDITIONS OF THIS FORM ART OMNOTER

USAFETAC FOLM 0.26-5 (OL.A) REVISE MEYOUS TOROGET OF THIS FOLM ARE OBSOLETE

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#### PSYCHROMETRIC SUMMARY

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68-70,73-79

Rel. Hum. Dry Bulb Wet Bulb De- Point

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BLOBAL CLIMATOLOGY BRANCH UBAFETAD AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

STATION STATION STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point 37 4.311.516.422.522.013.3 4.7 1.7 1.6 Element (X) 53.014.252 64.3 7.764 54.7 6.554 45.9 9.368 Rel. Hum. 2151489 38035 713 = 0 F 1 32 F ≥ 67 F 718 35.2 46133 11.7 Dry Bulb 3003023 1.9 Wet Buib 2175332 39247 718 Dew Point

65-7,73-79

BEVISED REVIDUS EDITIONS OF THIS FORM ARE OBJOSETE 0-26-5 (OL A) 1 1 2 5

**→** 

SLOBAL CLIMATOLOUY BRANCH CLAFETAC ALP WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

47244 STANTON AAF KO 58-70,73-79

STATION STATION NAME PASE 1 15 0-17 THOURS (L. S. T.)

HOURS (L. S. T.)

7 / 41 7 / 79 7 / 77 5 / 75 7 4 / 77 7 / 55 6 : / 57 6 / 65 6 : / 52 6 / 52	. u	.4 2 .4 1 1.2 2 1.3 1	.8 9-10 .1 .1 .3 .4 .7 .2 1.3 .2 2.2	1 1 1 3 1 . 3 1 . 3 1 . 3 2 . 0	13 - 14 • 7 • 1 • 4 2 • 9	15 - 16 • 4 • 6 1 • 0 1 • 5	.7	19 - 20		3 - 24 25 -	26 27	28 29 -	30 > 31	12	12	TOTAL Wet Bulb	Dew Pain
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USAFETAC FOUR D.26-5 (D.L.A) REVISED PREVIOUS EDITIONS OF THIS FOUR ARE OSLICETE

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SLOAGE CLIMATOLOUS RANCH DATETAC DAMNIDLY SERVICES ROMTAEW

STANTON AAF 43
STATION STATION NAME

# PSYCHROMETRIC SUMMARY

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Wet Bulb			8537		375			5.42			8.7			. 7		.5			1		,
Dew Paint			6358		359			9.14			80			7.5		.1			+		,

USAFETAC FIGURE 0.26-5 (OLA) REVISE PREVIOUS SOFTINGS OF THIS FORM ARE OLD GETS

USAFETAC FORM 0.26-5 (OL.A) NEVIDE PREVIOUS IDITIONS OF THIS FORM ARE CALCULTED.

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# **PSYCHROMETRIC SUMMARY**

4 1244 STATION	STANTON AAF AO STATION NAME	68-75,73-79 YEARS	USE WITH CAUTI <b>ON</b> ————————————————————————————————————	OCT MONTH
			PAGE 1	HOURS (L. S. T.)

Temp.				•				TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew Paint
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Dry Bulb				├		-+-			-+-						<b></b> -	-+-		<del> </del>	+	+-	
Wet Bulb Dew Point						-+-		-	-+-		+		-		-				+-	+-	
Dem Point				Ц									_								

SLOPAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAS AIR AFATHER SERVICE/MAG UST 17. 10TION STATION STATION STATION NAME 63-70,73-79 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 × 31

D.B./W.B. Dry Bulb Wet Bulb Dew Paint 6.523.011.411.611.912.513.1 8.3 3.4 1.2 2880 BEVISED PREVIOUS (OL A) 0.26-5 ( 0 X Element (X) No. Obs. 14119434 172466 2880 66.820.897 1 32 F 167149 58.010.801 149482 51.6 8.062 131235 45.6 8.917 Dry Bulb 10033567 2881 7.7 165.8 57.3 7642314 6239313 12.4 744 288€ Wet Bulb 9.5 744 Dew Point 2880

DESPAIN CHIMATORCHY BRANCH UNATETAC ATH AFATHER SERVICEZMAC

#### **PSYCHROMETRIC SUMMARY**

2435 1

Temp.								TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
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24/ 23	1.7	4.7	. 4				}										[	49	4 0		
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Element (X)		Σχ'			Z X		X	٠,		No. Ob	)S.							h Tempera			
Rel. Hum.				<u> </u>								± 0 1	F :	± 32 F	z 67	F -	73 F	= 80 F	<b>≥ 93</b>	F	Tota
Dry Bulb								<u> </u>	$-\!\!\!\!+$						<u> </u>	+		ļ	+	<del></del>	
Wet Bulb								<b>-</b>							<del></del>			ļ	—	_	_
Dew Point				1														<u></u>			

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STATION STATION HAME 5<u>5-7</u>,73-79 WET BULB TEMPERATURE DEPRESSION (F)

1. 2 3. 4 5. 6 7. 8 9. 10 11. 12 13. 14 15. 16 17. 18 19. 20 21. 22 23. 24 25. 26 27. 28 29. 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point \* . \*B3. - 10. - 2.4 | Mean No. of Hours with Temperature | 132 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Element (X) 60501 24033 86.411.579 Rel. Hum. 5323137 34.310.212 33.7 9.918 878.19 Dry Bulb 733 38.3 ±31584 23138 43.4 Wer Bulb 700 Dew Point

USAFETAC FORM 0.26-5 (OLA) MINISON

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# **PSYCHROMETRIC SUMMARY**

4 244 STATION	STANTON TAF AS STATION NAME 58-7	2,73-79 YEARS		V ○ /
_			PACE 1	1915-115 HOURS (L. S. T.)
Temp.	WET BULB TEMPERATURE DEPRES	SION (F)	TOTAL	TOTAL

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Temp. (F)		. 1 2	2.4	6.4	7.								T-2 -	4 26 2		20 20	1 - 21	D.B./W.B.	D D	TOTAL	
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Rel. Hum.												≤ 0	F	⊴ 32 F	≥ 67	F .	73 F	≥ 80 F	× 93	F	Total
Dry Bulb						$\Box$															
Wet Bulb									T							T					
Dew Point																					

Element (X)	Z X'	ž <sub>X</sub>	¥	 No. Obs.												
Rel. Hum.					± 0 F	± 32 F	≥ 67 F	≠ 73 F	≥ 80 F	≥ 93 F	Total					
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DEGRAL CLIMATOLOGY HRANCH USAFETAC

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#### **PSYCHROMETRIC SUMMARY**

STANTON STATION NAME STATION NAME 63-7 ,73-79\_\_\_\_ 9651 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Builb Wer Builb Dew Poir TAL . 34.371.412.7 ... 1.5 7 . . Element (X) Mean No. of Hours with Temperature 4 J 5 7 5 L 5 1 2 9 4 - 8 5 73.115.545 41.010.625 37.7 9.567 53347 29776 Rel. Hum. 725 : 32 F 725 23. Dry Bulb 27374 Wet Bulb 1 99895 725 31.4 Dew Point

USAFETAC FORM 0.26-5 (OL.A) REVIND MEYICUS EDITOMS OF THIS FORM AND OBSURER

SECHAL CEIMATOLOGY DRANCH SECHTAC ATH ADATHON SERVICE/MAI

#### **PSYCHROMETRIC SUMMARY**

STANTON SAF 40

Temp.						WET	BULB '	TEMPE	RATUI	RE DE	PRES	SSION (	F)						TOTAL		TOTAL	
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Element (X)		Σχ'			ZX	<u> </u>	X	•,	1	No.	Obe		<u> </u>			Mean N	lo. of H	ours wif	h Tempere	ture		
Rel. Hum.									-		_		= 0	F	≤ 32 F	≥ 67		73 F	• 80 F	• 93	F	Total
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Wet Bulb						$\neg \vdash$			$\neg$												1	
Dew Point					-												$\neg$			1		

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# PSYCHROMETRIC SUMMARY

STATION	<u> </u>	<u> </u>	,	5	TATION E	NAME				<u> </u>	, <u>,</u> ,	<del></del>	_	YE	ARS		233	:	HOURS (	итн - 1 4 _
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Temp. (F)	0	1 - 2	3.4	5.6	7 . R	9 . 10	11.12	TEMPE	IS. 16	17 - 18	19 . 20	21 - 22 2	3 . 24 2	25 . 26	27 . 28 29	. 30   4 3	TOTAL D.B./W.B.		TOTAL	Dew F
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Element (X)		Σχ'			ZX		X	7.	$\top$	No. Ot	8.				Mean No.	of Hours w	ith Tempera	ture		
Rel. Hum.			1237		3 ô 4			16.1		5	7.3	10F	1	32 F	≥ 67 F	≥ 73 F		• 93	F	Total
Dry Bulb			5835		327		43.7	10.2	13		73			4.9	2 • 1		1			
Wet Bulb			4132		283	55	42.1	9.3	74		7 ?			7.1						
Dew Point		يا ر	9:95		223	93	33.3	12.4	53	5	73		7 4	1.1						

USAFETAC FORM 0.26-5 (OLA) REVISE REVIOUS EDITIONS OF THIS FORM ARE OLLOSER

PEUPAL CETMATOLOGY PRANCH ULAFETAC ATH REATHER SERVICIZMAC

#### **PSYCHROMETRIC SUMMARY**

Temp.						WET	BULR '	TEMPER	ATUR	E DEPR	ESSION	(F)						TOTAL		TOTAL	
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/ 47	. 2		.3	2.2	1.5	1.4	•6	_			1			ļ				44	44		
3/ 45		. 3	• 5		1.5			-	-	+	<del>                                      </del>				<u> </u>	<del>                                     </del>	<del>                                     </del>	4 9	4 2		37
4/ 43		. 5	. 5	1.6	1.4						]			İ				7.4	3.4		
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# **PSYCHROMETRIC SUMMARY**

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BLOABL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** U 1 4 F ± T 4 C ATH ALATHLE SCRVICE/MAC 1 15 A TH 1 5 A 1998 SEE FIRST PAYE STATION STATION NAME <u>65-72,73-79</u> WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 1 D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7.7 69 1.1 • 1 .6/ 55 • 1 ز ہ • 2 7 2 7 -- / 51 . 1 • 1 . 4 • 3 • 6 / = 9 ~-/ 57 . 4 1.3 115 113 134 4/ 3. 1.5 • 8 • 6 109 1 3 9 • 1 • 8 . 4 148 1 43 .1 1.1 1.5 136 135 1 5 2 155 1.4 1.3 • 6 1 t D • 2 40/ 45 2.5 1.1 1.2 . 8 1 = 3 193 1 = 7 210 175 // 41 // 7/ 1 : 9 •5 1•1 1•5 • 9 • 3 157 145 173 MAYSED PREVIOUS EDITIONS OF THIS FORM 171 2.1 171 1.2 1.5 135 135 150 139 1 = 2 139 2-/ 33 1.9 ٠٤ 81 31 1.1 81 1.7 • 5 103 103 1?2 144 132 117 17 s 102 25 . 4 • 2 1.3 54 121 54 74 144 27 21 • 5 1: -40 66 36 17 0.26-5 (OL • 1 1 .. -34/ 17 Ē ? 3 7 9 3 ZX No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 0 F 1 32 F 2 67 F 2 73 F 2 80 F 2 93 F Total Dry Bulb Wet Bulb Dew Point

SECRAL CLIMATORDSY BRANCH USAFETAC ATM WEATHER SERVICE/MAC ତ୍ୟ

#### **PSYCHROMETRIC SUMMARY**

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# PSYCHROMETRIC SUMMARY

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SLOBAL CLIMATOLOGY BRANCH USAFETAC ALA ASATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

STANTON CAF KO 68-73,73-79 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 3~. 57.7 5543317 562784 64379 84.911.787 ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 753 24.911.216 755 755 1.1 59.3 1.1 72.1 18796 Dry Bulb Wer Bulb 18.80 523264

AC FORM 0-26-5 (OLA) REVISE REFIGURE EDITIONS

Dew Point

USAFETAC FORM 0.26-5 (OL.A) BEYIND REPTOUS EDITORS OF THIS FORM AND ORNOTES

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## **PSYCHROMETRIC SUMMARY**

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

43244 STANTON AAF KO 65-73,73-79 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

D.B./W.B. Dry Bulb Wei Bulb Dew Point Temp. (F) - 1. / - 31 14. 52.725.5 5.9 • 1 ^ T ^ L Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 75.815.430 753 ± 32 F = 67 F = 73 F = 80 F = 93 F 56867 4493139 29.310.264 Dry Bulb 750 56.5 7233 A 21784 750 Wet Bulb 632794 20454 63.0 Dew Point 16525

USAFETAC FORM 0.26-5 (OLA) REVISE MENDUS SERIONS OF THIS FORM ARE

BEDEAL CLIMATOLDSY BRANCH UNAFETAC A'R WEATHIN SERVICE/MAC 4 244 STANTON AAF KO STATION NAME

#### **PSYCHROMETRIC SUMMARY**

68-79,73-79

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Dew Point							_	<del>                                     </del>	<del></del>				_		+	-			<del></del>		

USAFETAC NORM 0-26-5 (OLA) NEWED PREVIOUS EDITIONS OF THIS FORM ARE ORDIGER

SUBRAL SLIMATSUSSY RRANCH USAFETAC ATM #FATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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Temp.						WET	BULB	EMPER	ATUR	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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Dry Bulb			13:4				36.4				7.		_	37.5		$\neg$			$\neg$		<del></del>
Wet Bulb			9342		211		37.1				7.7		_	50.5		_		T		_	,
Dew Point			5552				23.7				70.	1	• 2	69.4		+-			_		-,

USAFETAC FORM 0.26-5 (OL.A) INVISO PRIVIDES EDITIONS OF THIS FORM ARE OLD OUT IT

AT- ATATHER SERVICESTAG STATION STATION NAME 447 93 3.4 1:/ 75

SEBSAL SETMATOLOGY PRANCH UNAFETAS

**PSYCHROMETRIC SUMMARY** 

50-70,73-79 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

1 O 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2 1.7 I 5 • > 1 32 32 14 19 1.5 .5 1.6 1.2 2.5 1.5 1.5 1.2 2.7 2.0 3.7 • 3 • 2 .2 3.5 3.2 1.0 1.3 3.2 1.3 • 3 .3 1.8 3.7 3/ 27 3/ 25 3/ 23 21 2.3 1.0 1.6 • 2 3.5 1:/ 11 Mean No. of Hours with Temperature Element (X) 267 F 273 F 20 F 293 F Total Ref. Hum. ± 0 F ± 32 F Dry Bulb Wet Bulb Dew Point

BEVISED FREVIOUS EDITIONS OF THIS FORM ARE ORSOLETS 0.26-5 (OL A)

(5) :\*: SECHAL CLIMATOLOGY GRANCH USAFÉTAC AIR WEATHER SERVIC./MAC

## **PSYCHROMETRIC SUMMARY**

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																		545	-	HOURS	-17
Temp.						WET	BULB	TEMPE	RATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7 - 8								23 - 24	4 25 - 26	27 - 20	8 29 - 3	0 + 31	D.B./W.B.	Dry Bulb		
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USAFETAC FORM 0.26.5 (OL.A) REVISE MENOS TONIONS OF THIS FORM ANT OMOUTH

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## **PSYCHROMETRIC SUMMARY**

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Element X		- X.			<u> </u>	-+-	X	<b>₹</b>		No. Ob	8.		- 1 -	- 22.5	_			h Temperar			Total
Dry Bulb	-					-+-				——	$\longrightarrow$	= 0 1	-	≤ 32 F	2 6	7 =	≥ 73 F	≥ 80 F	• 93		1 0101
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UDLPAE SCIMATOEOUM PRANCH USAFETAS Alm weathir Straighas

#### **PSYCHROMETRIC SUMMARY**

4 44 STENTON LAF KO 57-7 173-79 41 L HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F)

1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb | Dew Point --/ -: - / -? -- / -7 /-11 /-1 \_/-17 /-17 2775 2775 No. Obs. Σχ' Mean No. of Hours with Temperature Element (X) 71.318.070 31.711.855 23.317.536 23.612.618 ≥ 67 F = 73 F = 80 F = 93 F 197796 27928 Rel. Hum. 15534202 2775 ≤ 32 F Dry Bulb 3156438 2775 7.7 785.9 79968 Wet Bulb 2775 2.4 474.2 2,165 8 62758

TAC NORM 0.26-5 (OLA) HYSED MEYIOUS EDITIONS

3833AE (CETMATGE 1997 - 980 - 6 19 255Tat **PSYCHROMETRIC SUMMARY** AL ALATHIB STALL YES STATION STATION <u>13-77,7</u>3-67 STATION NAME 245<u>£</u> 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point • 1 •0 1 27 • i 4 13 7.3 • 1 • • • 1 . . • Ĵ . • 1 4 4 \_/ 87 • • 1 • -• 1 . 1 • 9 • 1 245 245 7.3.1 3 - 1 • 0 415 415 • 5 • 7 743 1322 1327 7 7 1. 1 41 11 . 4 . 4 . 1 . 4 . to • ; • 3 • 2 - 1 • 1 • . • . 7 - 1 1339 1739 • 5 • 4 • 1 1458 1458 1350 1232 1797 1231 1241 1241 1138 . 4 • 6 . 4 . 4 • ? . 1 • 3 1231 1177 • 5 • ! • . / 7] 1127 18 1 1051 1268 3 8 829 1376 • 5 . 6 • 4 • 4 • 1 325 715 • 21 5/ 65 3 • 3 • 1 1129 1723 1291 317 REVIOUS EDITIONS OF THIS • 1 • ગ 1315 1315 791 1375 1767 1767 1110 1173 / ±1 / 59 • 5 . 3 . 2 • 6 . 4 . 4 • 3 • 1 • 1 • 0 991 1767 1115 1357 • ? - 4 • 5 • 1 938 1259 11 4 965 1145 101 979 1122 759 1352 5.1 . 3 • 5 . 7 . 4 579 1725 . 3 • 6 • 1 9:3 759 562 1152 713 1319 = 1 49 662 737 713 101 • 6 1225 970 õ • 4 1325 1236 • 9 • 2 • 1 • 5 • 0 972 4.3 4:7 41 • 3 • = • • • 5 • 3 • 2 • 976 775 937 175c 7 / 37 a . . 550 995 9.95 1363 355 Element (X) τ<sub>x</sub>, • No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10F : 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb Wet Bulb

EDITIONS OF THIS FORM ARE DESCRETE

(O 7 V)

0.26.5

Wet Bulb Dew Point

CECEAE CEIMATOEOGY RPANCH USAFETAC

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**PSYCHROMETRIC SUMMARY** USE WORLD

4 TO 44 STANTON SAT AS P438 3 4 L L HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1. 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 1175 235 935 9," . 7 • " • • .. • 6 1. • 5 • : = 5.4 972 1017 • 1245 5 = 5 351 571 571 345 9 ... • ? 775  $\mathbb{S} \subseteq \mathbb{D}$ 5 - 4 771 417 545 764 715 5) -5) 1 = 3 193 3.7 13 • 3 213 55 301 442 255 76 245 : 6 <u>2</u>97 23 1.51 - / -7 2.3 • 1 122 -:/ -7 47 /-11 2.1 -1\_/-13 -14/-15 î, -1./-17 41-23 - :4/-25 - :/-`? 1-31 Mean No. of Hours with Temperature Element (X) No. Obs. ×67 F × 73 F × 80 F ≥ 93 F Rel. Hum. ≤ 0 F ± 32 F Total Dry Bulb

<u>68-70,73-85</u>

USAFETAC rosm 0.26-5 (OL.A) REVISE REVIOUS ERRORS OF THIS FORM ARE DESCRIPT

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Α'	4	w E	A THEFF	SERVIU.	/MAC

## **PSYCHROMETRIC SUMMARY**

4 244 4 244	SERV	11 / 14 /	MAC F KJ		_				53 <b>-</b>	7~,7	3-3.				USF W	110 . A. 1814 . B	OF ON		4	LL
STATION			5	TATION N	AME								Y	EARS				- :		MTH L. L.
Temp.									DEPRE								TOTAL		TOTAL	
(F)	0 1-2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
TTTAL	3 • 14 2 4 • 4	17.5	14.7	10.2	5.5	٤.?	4.5	2.7	1.5	• 3	• 4	• 1	• 1	• "	<u> </u>		34277	3+77≎		34277
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Element (X)	Z <sub>Z</sub> '	<del>-</del>	┿	Żz		Ī	<b>₹</b>	_	No. Ob	<b>9.</b> 1			<u> </u>	Mago	No. of H	ours wish	h Tempero	ture .		
Rel Hum	17225	3674		3317	72		19.9	<u>ύ</u> 5	342		± 0 1	F 7	: 32 F	≥ 67					F	Total
Dry Bulb	11549			8613	o 2	54.3	21.2	32	342								1000.			876°
Not Buth	7371	7794	1	5689	76	48.7	19.3	62	342	77	26	. 821	00.2	1895	.8 9	62.9	53.	3		376
Dem Paint	7766	7845	1	4642	73	42.7	21.0	00	342	77	192	. 629	97.9	1299	.1 5	36.3	5.	3		875

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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#### MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOUPLY DBSERVATIONS

4 STANTON AAF KO

63-70,73-80

YEARS

€. ¥			Ç	CN NAME						YEARS				
HRC , s. t		.AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	WEAN	17.	20.7	30.1	43.7	54.2	63.7	72.3	71.9	60.5	46.4	34.3	24.9	45.3
€ = 0 €	5 5	11.3881	11.619	7.704	7.885	6.194	4.938	4.555	4.735	7.532	8.154	10.212	11.216	20.623
	10"AL 085	717	674	723,	718	744.	715	746	789	7 <u>17</u>	720	7,00	. 755	8715
	VEAN	22.3	25.4	37.3	£3.5	54.J	71.1	77.6	78.4	69.3	56.2	41.5	29.3	52.7
5-11	3 2	13.0221	10.209	8.270	6.943	6.051	5.213	5.367	4.427	5.362	7.574	10.025	10.264	23.968
	*C'*A: OBS	771	721	774	768	874	734	792	816	745	762	726	_ <b>7</b> 50	9213
	MEAN	33.2	33.8	44.7	59.3	73.0	75.3	81.3	82.9	75.5	64.3	48.7	36.4	59.1
17-14		9.035	9.394	9.109	7.8 < 4	7.374	6.157	5.911	5.148	5.723	7.364	10.213	9.834	19.965
	10 A. OPS	705,	646	736	7 17	737	720	734	732	683	718	673	<u>670</u>	8481
	MEAN	32.5	36.0	40.5	51.5	71.6	78.0	82.4	84.1	77.1	65.8	49.9	38.0	50.9
155-17	5 E	8.360	9.216	9.143		_						-		19.696
	10 AL 085						_		_					7870
	4544	•		-	-	,				- ,	-			•
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	5 : 101≜. OBS											_		
	357	•					•					· <i>f</i>		
	MEAN	25.2	25.9	39.7	54.5	64.8	72.2	78.2	79.1	70.3	58.0	43.2	31.7	54.3
AL HOURS	5	11.4321	11.822	13.687	10.368	9.565	7.867	6.772	6.932	9.123	10.801	11.810	11.555	21.232
	TOTAL OBS	2834	2640	2906	2881	2971	2900	2964	3014	2786	2881	2727	2775	34279

USAFETAC 108M 0 89 5 (OLA)
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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

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#### MEANS AND STANDARD DEVIATIONS

HET-BULB TEMPERATURES DEG F FROM HOURLY DBSERVATIONS

43244 STANTON AAF KO 68-70,73-80

JUL AUG ANNUAL MAY JUN SEP OCT NOV DEC 41.2 16.3 19.8 28.4 51.2 61.2 69.9 69.8 58.7 45.1 33.0 23.9 43.6 16.3 19.8 28.4 41.2 51.2 01.2 09.9 09.0 50.9 45.1 53.0 23.7 43.0 13.74511.324 7.338 7.325 5.736 4.952 4.811 4.945 7.359 7.898 9.91810.98G 20.092 717 674 720 718 744 715 746 789 717 720 700 755 <u>8715</u> 20.6 24.2 33.7 46.8 56.2 64.6 72.5 73.0 63.7 51.5 37.7 27.3 7.665 9.832 7.382 6.166 4.679 4.366 4.431 4.151 5.888 7.069 9.667 9.958 19.441 ÷ ~ 1 1 771 721 774 768 804 784 792 816 745 762 726 750 9213 25.3 29.3 37.7 49.6 58.5 66.2 73.8 74.4 65.9 54.7 42.1 32.1 51.3 8.578 8.621 7.524 6.111 4.859 4.406 4.347 3.882 5.417 6.554 9.374 9.332 17.830 12-14 55 10"AL 085 735 646 736 727 737 720 734 732 683 718 673 672 MEAN 28.3 30.8 38.9 50.5 59.1 67.0 74.3 74.8 66.3 55.2 42.8 33.2 52.3 7.925 8.167 7.335 6.394 5.036 4.344 3.975 3.821 5.383 6.420 8.693 9.149 17.358 15-17 5 0 "C"AL OBS 641 599 675 668 686 681 692 677 641 680 628 600 7868 MEAN \$ 5 TOTAL OBS MEAN S D "OTAL OBS 5 D TOTAL OBS 5 L 10141-085 WEAN 22.7 25.8 34.6 47.0 56.2 64.7 72.6 72.9 63.5 51.6 38.8 26.8 48.7 5 10.44310.532 8.422 7.378 5.949 5.034 4.714 4.668 6.755 8.06210.22410.606 19.062 101AL 085 2834 2640 2905 2881 2971 2900 2964 3014 2786 2880 2727 2775 34277

USAFETAC 108% 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

YEARS ---

47244 STANTON 44F 40 68-70,73-80

SEP MAY AUG NOV 12.3 15.7 24.6 37.9 DEC JUN JUL OCT \*\*\* 12.3 15.7 24.6 37.9 48.5 59.3 68.7 68.6 57.7 43.8 30.5 20.8 5-75 50 12.00712.975 8.981 8.066 6.455 5.649 5.397 5.566 7.622 8.16411.11312.495 41.1 21.340 TOTAL OBS 717 674 723 718 744 715 746 789 717 723 703 755 8715 14.6 17.9 26.4 39.1 49.6 60.3 70.0 70.2 60.5 46.9 32.5 22.2 42.9 11.65412.508 9.812 9.102 7.053 5.944 5.319 5.428 7.181 8.70612.09112.325 21.323 101A. CRS 771 721 774 768 804 784 792 816 745 762 726 750 9213 MEAN 16.8 19.7 26.8 38.4 48.9 59.8 70.2 70.3 59.6 45.9 33.3 23.7 43.2 12-14 5 12.29611.94210.03210.124 8.271 6.607 5.583 5.662 7.733 9.36812.45312.786 20.765 CAL OBS 705 646 736 727 737 723 734 732 683 718 673 670 8481 MEAN 18.5 20.3 27.5 38.5 48.8 60.2 70.4 70.4 59.4 45.5 33.5 24.2 43.7 15-17 50 11.88011.382 9.73710.097 8.754 6.847 5.503 5.759 8.048 9.14211.73312.657 20.391 "C"AL OBS 641 599 675 668 686 681 692 677 641 680 628 600 7868 ... 101A. 085 WEAN TOTAL 085 MEAN 5 6 101AL 085 TOTAL OBS 15.5 18.4 26.3 38.5 49.0 59.9 69.8 69.9 59.3 45.6 32.4 22.6 42.7 12.20712.358 9.708 9.375 7.660 6.275 5.486 5.646 7.698 8.91711.90912.618 21.000 "OTAL OBS" 2834 2640 2905 2881 2971 2930 2964 3014 2786 2880 2727 2775 34277

	USAFETAC 108% 0 89 5 (OLA)		
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ULINAL CLIMPTOLOLY RWANCH ULAFETAC 100 AFATHER SERVICE/MAC

## RELATIVE HUMIDITY

1 244 STANTON MAS KO

63-79,77-8J

JAN

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
HTMOM	(L S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS
JEN	27-32							ĺ		1		
	,7-35									-		
	,5=1B	1"7."	1 0.3	10	99.9	99.9	93.7	84.7	52.6	3 1.1	32.5	717
	)-11	1.3.1	1 :0.3	99.4	98.2	92.7	81.6	57.3	34.0	11.2	77.4	771
	1 '-14	1.0.0	39.7	97.9	€7.9	59.7	42.4	21.6	17.1	4.7	59.2	7 ~ 5
	1 -17	1:7.5	19.5	97.5	35.0	54.3	30.7	18.5	11.4	5.9	27.8	041
	1:-7.		+									
	.1-23		<del> </del>									
						·						
	<b>i</b>	·	-	<del> </del>								
	<del> </del>	<u> </u>		1								
	·	<del> </del>	<u> </u>		<del> </del> -		<del> </del>					
<del></del>	TALS	1.7.0	79.9	98.7	92.d	81.3	64.9	45.4	21	14.3	53.2	7334

USAFETAC FORM 0-87-5 (OL A)

**e** 

CO., AL SCIMPTOLUCY BRANCH LA BLENC LOS SORTHON SERVICEZAND

#### **RELATIVE HUMIDITY**

STATION	STATION NAME	PERIOD	MONTH
: 1,44	STANTON TAE KO	52-70,73-tu	FEB

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS
F 7 ;	- `											
	J:-05											
	.: -35	100.7	173.5	49.9	39.1	97.º	95.5	<3.7	5/01	31.4	: 1 • 3	674
	7-11	1:2.7	1 70.1	c 2 . 7	95.3	55.1	7+•1	54.4	34.4	15.9	71.5	731
	1 -14	1.0.0	49.c	92.5	33.6	67.4	41.3	22.0	1100	4.3	າ≠•1	54 t
	1 = -17	1 12.7	29.8	9: • ?	۹)	52.9	?3 <b>.</b> 9	18.5	1 7	4.2	55.3	599
	:											
	: 1 + ? 3					<u> </u>						
		<u> </u>										
							<u> </u>					
	<del> </del>	<u> </u>		<u> </u>				<u> </u>		<b>†</b>		
	+-· ·			<b>†</b>								
TO	TALS	1 1.0	39.9	9/.4	09.5	74.5	51.2	44.6	2.00	1 3	66.0	2540

USAFETAC	FORM JUL 64	0-87-5 (OL A)						
			 	**********				
			٠.	n de la companya de l	*			
	-			<b>*</b>				

USUPAR CETMITCETUY PRANCH UNAFETAC AIR ASATHIN SERVICEMAK

#### RELATIVE HUMIDITY

CX 344 / 21/VIOV 1445 KD

6:-77,77-79

STATION

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STATION NAME

PERIOD

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
u.,	h-0_		i									
	₹-05											
	_1-3;	110.1	172.0	1	.9.3	90.1	89.7	± 1 • 1	57.2	27.6	1.	7 >
	-11	100.0	19.3	9 % . !	13.2	75.5	57.5	35.7	2.1.	5	55.4	774
	1 -14	1 7.7	09.5	9 7 , 4	72.0	44.7	22.4	14.4	7.	'.7	51.3	759
	1 -17	1 2.7	19.	91.5	55.0	40.4	23.1	17.7	7 . "	7.,	7.1	675
	2-	1										
	.1-2!											
									-			
		1										
	ł · · · ·	<del> </del>			-							
101	ALS	1 ."	0.0	90.1	12.5	59.3	4 9	35	20.3	1 • 7	52.1	777

USAFETAC PORM 0-87-5 (OL A)

TENENTAL OF THE SECOND SERVICES

# **RELATIVE HUMIDITY**

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STATION

STATION NAME

PERIOD

MONTH

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAG	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN		MEAN RELATIVE		TOTAL NO OF
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
2.5%	1-04	1	•	1								1
	5. )		:									
	.: <del>-</del> 25	1.3.3	1	y 2 . °	59.5	15.7	92.0	77.5	5.700	27.5		,15
	.3+11	1.3.5	-9.7	97.4	1++1	57.1	45.6	12.7	15.3	. • 3	92.6	74.
	1 - 1 4	1.2.2	>7.4	5.	56.5	4 ?	25.1	12.5	4.3	ч.	45.9	7:7
	. : -17	130.7	-5.7	7 5 . 7:	5.2.1	35.6	22.5	13.9	E • 7	2.7	43.5	955
	i 2											
	_1-23											
	<u>-</u>											
	† ·	1										
to	rals	100.0	+3+2	84.2	73.5	5 . `	47.4	35.1	23.5	1 .5	F 9 . 3	7221

USAFETAC PORM 0-87-5 (OL A)

# RELATIVE HUMIDITY

LAM STANTON RAF KO

6-7-79

2 A Y

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	7		PERCENTAG	E FREQUENCY	Y OF RELATIVE	HUMIDITY GI	REATER THAN			MEAN	TOTAL
HTMOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80°•	90%	RELATIVE	NO OF OBS
•••			1									
	- : - ( >											 
	7 >	100.0	170.5	13***	79 • 6	76.7	74.1	3 5 • 1	F . • 5	25.4	.1.7	744
	11	1 7.0	103.0	97.5	p b • 7	77.	55	/1•i	14.7	٥.2	1.7	٠.
	1714	1.2.3	29.1	34.5	44.9	44.5	25.7	15.5	•••		11	777
	i · -17	1 7."	:5.3	77.7	49.€	4	23.5	13.5	• %	2.1	44.	ي <sup>م</sup> د
<del></del>												
	1-25		-									
									ļ — — — —			
<del></del>	<del></del>	<del> </del>	1	1								
TO:	TALS	1	16.9	9 .	72	55.	41.7	36.1	7	11.5	10.5	2971

USAFETAC	PORM JUL 64	0-87-5 (OL A)
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# **RELATIVE HUMIDITY**

STATION STATION NAME

10 2 = 71 , 77 = 79

PERIOD

MONTH

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN RELATIVE	
MONTH	(LST)	10%	20°₁	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
_ ` ` `	) <b>-</b> ).											
	3-16											
	:-07	13.2	1	1	5.3	9.	77.8	93.	72.	٠.:	1	/ 1
	-1i	157.3	1.10.0	92.5	-7.4	20.4	7.00	49.5	21.2	•	7 .1	761
	1 -14	1 . 7 . 7	1 3.3	ç, ·	16.7	u5.2	4".4	c 1 • 4	1	± • 7	€ € • 7	7.2
	-17	1 5.	1 3.	92.1	83.4	£ 1.1	33.9	19.9	1 • 4	3	5: ••	[ د د
	- 7	-+										
	1 - 2 0	+										
	+ ·	- <b>4</b> =	· <del></del>									
	•											
	<del>+</del>									1		
	•	-•		<b>†</b>		1						
	TALS		100.5		+1.9	7:.7	3	45		l v	57.7	· ·

USAFETAC PORM 0-87-5 (OL A)

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
STANTON AAF, TONGGO RI. KOREA. REVISED UNIFORM SUMMARY OF SURFA--ET/:
MAR 81
USAFETAC/DS-81/046
S81E-AD-E850 074
NL JUCLASSIFIED SBIE-AD-E850 074 END 4 n# 4 PILMED 7 - 81 DTIC

AD-A100 251

E PAR SELMATORDIA Y PRANCH U SESTAS ATO KIATANA SERVASIZMAS

# **RELATIVE HUMIDITY**

STREET STANTON AAF KU

58-7-173-19

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STATION

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STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	4		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L \$ T.)	10%	20%	30%	40%	50%	60%	70%	80°-	90°.	RELATIVE HUMIDITY	NO OF OBS.
J 'L	7-73											1
	7=05	† <del>-</del> -	<del>                                     </del>									<del></del>
	J=03	1.7.1	1 '0 . 0	15 . 2	1" 0 - 3	99.9	75.9	75.4	5.5	4 . 0	53.7	74-
	-11	137.7	170.5	10 %	59.7	02.4	51.5	72.7	44.1	19.2	78.2	793
<del>-, </del>	1 -14	170.3	1 10.0	99.7	27.4	92.9	73.0	45.0	¿3• ·	֥:	77.4	734
	_ = -1 7	100.7	100.5	99.5	50.1	35.€	57.2	44.1	2 > 4	11.8	44.	၌ <b>ဒ</b> ု
	1:-2.	1					1					
-	1-23			+				-				
		<del> </del>										
		1	<del> </del>									
		1						<u> </u>				
to	TALS	125.3	100.3	59.2	^F.4	97.5	82.8	54.5	4?	21.6	75.3	7944

USAFETAC FORM 0-87-5 (OL A)

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SUBJECT OF TWATOFORM SHANCH LEFETAT BER LEFTHER SERVICE / 440

# **RELATIVE HUMIDITY**

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6: -70,73-79

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STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	:		PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
: ,	7.											
<del></del>	_3-05											
,	03	150.0	170.0	101.5	175.3	1 " '• '	03.2	75.5	45.7	J2.5	99.4	7 º ¢
	11	150.7	100.3	157.3	3.90	27.4	57.3	67.3	7.,	15.00	75.3	51.
	1 '-14	1.0.0	100.2	90.7	95.9	85.5	64.6	30.5	21	• 1	57.4	737
1	2 - 17	1.1.1	1 12.0	95.7	94.7	81.5	57.5	34.	19.9	1.5	55.5	77د
	11 -20											
	. 1-23											
i i	!											
	†											
101	TALS	1	1 3.0	90.0	7.5	71.4	77.7	59.1	41.2	21.0	74.3	1:14

USAFETAC	FORM JUL 64	0-87-5 (OL A)
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LIFAL CEIKSTOLDEK PRANCH LAFETAC AFA AFATHER SERVICEZMAC

# **RELATIVE HUMIDITY**

LIZHH STANTON FAF K"

59-73,73-79

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STATION

STATION NAME

PERIOD

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		<u> </u>	PERCENTA	GE FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
1.5	::-0.		1						Ţ			
	3-25		<del>                                     </del>	<del> </del>				<del>                                     </del>				<u> </u>
	_5-06	130.0	1 0.0	157.2	1:3.2	138.7	37.6	95.5	57.7	5 • 1	47.0	717
	.0-11	100.0	130.6	100.0	29.7	96.9	31.2	65.1	?7	11.5	75.1	745
	1 -14	170.0	100.5	99.7	÷2.2	58.4	43.6	20.9	7.5	7.7	.9.7	5° 3
	15-17	1.7.3	100.0	97.1	₹0.5	55.2	32.0	19.0	z • 5	+•2	55.3	: 41
	125						1					
	.1-23					,						
, s	!											
fO	TALS	127.0	173.0	99.5	->4 • ć	3.4	64.4	50.4	35.7	2 1.5	7 . 3	27=5

USAFETAC PORM 0-87-5 (OL A)

DELIAN CETABLOCOM ARANGH CARTANO BUR WEATHERN SERVICENTED

# **RELATIVE HUMIDITY**

- 41344 STANTON DAR BO

05-70,77-73

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STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL NO OF
PTNOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90°₀	RELATIVE	OSS
201	10-01				į							 !
	1-75											
	,5-Dê	100.0	1 12.0	1	79.9	33.0	97.5	97.5	s t	27.4	+ ' • <del> </del>	720
·	9-11	1.2.3	130.0	39.7	97.5	92.5	77.3	61.5	31.0	11.4	72.5	757
	12-14	1:3.7	+9.2	95.1	62.3	53.7	26.3	12.5	3.9	1.7	= <b>%</b> .0	71-
	1=-17	1 5.8	175.0	93.2	72.1	44.	25.9	6.5	2.1	1.2	u 9 . 7	6ª ;
·	1 2 .								1		1	
	71-23											1
• <del></del>	!											
	1											
10	TALS	ר • ר	79.3	97.3	88.5	72.4	50.3	44.4	11.0	20.5	¬á•:	7987

USAFETAC FORM 0-87-5 (OL A)

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CLUPAL CLIMATOLOLY RRANCH LAMPLIAC A 1 WEATHER SERVICE/MAC

# **RELATIVE HUMIDITY**

CH BAS MOTHETZ - PRET -

65-7-,73-79

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STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
N . V	un <b>-n</b> k		1									
<del></del>	2-25								1	<del>†</del>		
·	.5+lis	1.0.	110.0	150.5	c9.9	99.	95.3	c * • i	74	47.1	13.4	173
<del></del>	1 11	1 17.5	100.0	90.4	ი გ. 8	93.8	77.1	59.5	32.0	1 .	7 ' • 1	775
<b></b> -	i14	1	120.3	95.3	35.€	51.5	35.1	19.6		3.3	·7•1	073
	11-17	1 13.3	19.0	95.2	82.2	57.5	3,.4	15.4	2.1	7	-5.7	628
	1 + 7 ;	1						<del> </del>		<u> </u>		
	.1-25	<del> </del>		†	-						<del> </del>	
·								<u> </u>				
	<u> </u>	1	1								<del>                                     </del>	
<del>-</del>				<u> </u>								
	ļ	<u> </u>	<b>†</b>	†				<del> </del>		†···		
τo	TALS	198.0	1.3.0	9: • 1	91.0	77.3	62.0	48.7	51.7	17.4	ti T •	2727

USAFETAC FORM 0-87-5 (OL A)

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CEUPAL CLIMATOLICY PRAICH CLAFETAC ACHIACHTHER SERVICEMMAD

# **RELATIVE HUMIDITY**

14:344 STANION SAF KO

6=-73,73-19

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STATION

STATION NAME

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	:		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
2.0	7-0.		1									
	2:-05											
-	ۋ ب− ن.	1.3.0	1ra.3	107.7	100.3	98.7	96.3	38.5	£7.0	41.0	84.9	745
	11	>9.9	99.6	99.5	90.9	93.7	83.1	62.7	42.4	٤٠.7	75.0	75
<del> </del>	13-14	39.0	09.6	99.7	¢2.4	75.	49.6	26.1	13.0	~·?	61.0	67.
<del></del>	i - 17	170.2	99.0	95.3	93.2	69.1	45.7	23.5	1 7	3 • 3	59.7	575
	. 1-23		1									
	1.1-23	†										
<u></u>	• 				1							
						†						
}   	+					<u> </u>				1		
101	TALS	1	20.c	90.7	95.4	54.1	68.5	50.3	53.5	17.3	72.4	2775

USAFETAC PORM 0-87-5 (OL A)

DELPAS COTMATDERBY FRANCH LIAFETAC ASY WEATHIN SERVICE/MAC

# **RELATIVE HUMIDITY**

WILLIAM STANFON BAR AD

69-70.77-53

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STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90°.	HUMIDITY	NO OF OBS
٠.	1LL	1 7.0	9.9	4	41.4	51.	54.7	45.4	₹ . •	13		34
f		1.2.7	19.9	94	÷7.5	74.5	ci•2	44.	7.00	15.3	f 5 • 2	1 1647
+ 1 4		150.	-9.t	95.1	+2.5	14.3	49	35.	27.63	1	12.1	•
294		1.3."	23.2	88.0	73.5	0.0	47.4	15.1	25	1 .5		
or F. Y	·	1.2.3	14.9	3 . 7	78.2	\$3.°	4:.7	36.5	22.	1 .	5	1 - 1
J. '.		1 2.	1 5.0	97.1	51.9	75.7	52.0	45.5	11.	1,	27	٠
L		: 7.7	1 9.0	99.4	76.4	93.5	32.6	54 • C	40.7	21.5	75.:	ેું કે લ
£:		1.0.3	170.3	99.6	27.6	71.4	77.7	59.1	41.2	21.	74.	7 - 1 4
5		; 7.7	170.0	9 = • 5	54.0	35.4	54.4	50.4	35.7	2 .5	70.3	7704
		1 5.3	39.5	97.3	48.3	12.4	55.0	44.4	31.0	2:.5	06.S	2691
N . V		1	100.0	50.1	^1	77.3	62.3	46.2	31.7	17.4	7 •	2727
D : C		1	19.3	94.7	95.4	34.1	63.6	50.3	33.1	17.9	7 . 4	2771
101	TALS	1.40.0	119.7	94.9	69.5	75.9	62.1	46.7	31.0	11	£7.6	34277

USAFETAC ROBM 0-87-5 (OL A)

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

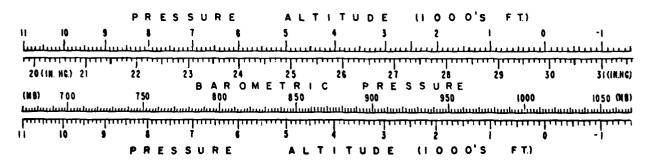
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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SLOBAL CLIMATOLOGY BRANCH JSAFETAC ATR WEATHER SERVICE/MAC

101A. 78

#### MEANS AND STANDARD DEVIATIONS

USE WITH CAUTION

STATION PRESSURE IN INCHES WAS FROM HOURLY OBSERVATIONS

4 1 2 4 4 STANTON AAF KO 68-70.73-83 2141 % JUN JUL AUG SEP OCT 4 : . .7 151AL 285

WIAN 30.12630.10030.03029.91929.78929.69129.64329.67329.85330.01430.13930.153 29.925 .146 .176 .152 .151 .135 .134 .117 .142 .123 .153 .158 .146 209 195 205 212 214 207 222 246 228 222 223 238 .236 101A, 085 WEAN 30.15930.13130.06229.92929.80729.70129.66229.70229.87230.05030.15837.175 29.946 152 .179 .153 .161 .150 .137 .120 .142 .125 .150 .156 .147 .240 3376

VIAN 30.14430.12130.04229.91329.78929.68629.65629.69129.8573...03030.13630.155 .156 .176 .154 .153 .148 .133 .119 .144 .121 .147 .157 .150 253 237 268 263 267 260 265 268 248 262 243 251 .237

WIAN 30.09030.35629.99229.86429.74329.64929.62729.66229.81929.98430.09330.108 29.886 .157 .171 .152 .141 .139 .127 .119 .146 .113 .143 .153 .143 225 230 227 224 231 229 235 227 216 229 212 202 .229

MEAN 1014. C85\_ W F A \*.

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MIAN 30.13130.10730.U3329.90729.78329.68229.64829.68429.85130.02030.13230.150 986 1014

USAFETAC "CRM C 89 5 (OLA)

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# DATE FILMED 7

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